

Spring/Summer 2018
Primary school years 2 - 6

Wiltshire schools Able, Gifted, Talented and Enrichment courses



Dear Head Teacher/AGAT Co-ordinator,

Please find enclosed the new AGTE booklet for courses organised by Braeside for Spring/Summer 2018. This is also available on our website: www.braeside-education.co.uk

Please note the name of this booklet has changed to include 'enrichment' courses, designated E. To apply for these courses, pupils should be **interested** in the course subject and not necessarily exceptionally good at it.

The courses are not only therefore for those pupils on the AGAT register because this only refers to academic subjects, although clearly the writing and maths based ones are. The courses for Able, Gifted and Talented pupils are designated AGAT. I would therefore request that pupils who have a particular interest in certain areas, particularly practical subjects such as the outdoors, sports and art/crafts are given details of courses which allow extension of these types of skills. Pupils don't have to be on your AGAT register to apply if you, or their class teacher, think they would gain from the enrichment courses we would be happy for them to apply.

We have found that the day courses are most popular and, as a result, we have worked with tutors to offer these and therefore keep prices down. This has led to an increase in day courses and reduction in residential ones. I hope this will help to fill courses to keep them viable.

I would welcome any comments you may have to help make the AGTE programme successful. Pupils evaluate each course they attend and overall the response has been extremely positive.

Many thanks in anticipation of your help to promote the AGTE courses.

Yours faithfully,

H M Browning

Head of Braeside Education Centre

Wiltshire Schools

Able, Gifted, Talented and Enrichment Courses

Spring/Summer 2018

Primary school years 2 - 6

This booklet has been redesigned to reflect significant changes that have been made. Please ensure that you familiarise yourself with the changes so that you can provide parents with all the necessary information.



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Schedule of Courses

AGTE Spring/Summer 2018 courses for primary school years 2 – 6

| Year | Course Title | Subject | Tutor(s) | Date | Time | Max. pupils | Cost | AGAT or E | Page |
|-------|---|---------------------------------|----------------------------|-------------------------------------|-----------------|-------------|------|-----------|------|
| 2/3 | Being a Brave Neolithic Hunter Gatherer | Outdoor Education History | Dave Borrie | Thursday 3 May | 9.30am – 3pm | 16 | £55 | AGAT | 11 |
| 2 | Mini Maths Challenge | Numeracy | Claire Johnson | Friday 8 June | 9.30am – 2.30pm | 16 | £55 | AGAT | 12 |
| 2 | Talking to Animals | Literacy | Steve Voake | Wednesday 27 June | 9.30am – 2.30pm | 18 | £55 | AGAT | 13 |
| 2 | Adventure Play Together | Outdoor Education | Josh Simons | Friday 27 July | 9.30am – 3.30pm | 16 | £52 | E | 14 |
| 3 | Mega Maths Challenge | Numeracy | Claire Johnson | Wednesday 2 May | 9.30am – 3pm | 16 | £55 | AGAT | 15 |
| 3 | Story Magic | Literacy | Claire Johnson Ian Leak | Friday 11 May | 9.30am – 3pm | 30 | £55 | AGAT | 16 |
| 3 | Pirate Quest; Maths at Sea | Numeracy | Claire Johnson | Friday 15 June | 9.30am – 3pm | 16 | £55 | AGAT | 17 |
| 3/4 | Science of Scalextric | Science | Adrian Dening | Saturday 16 June | 10am – 4pm | 16 | £55 | AGAT | 18 |
| 3/4 | Aviation Aces | Science | Adrian Dening | Sunday 17 June | 10am – 4pm | 16 | £55 | AGAT | 19 |
| 3/4 | Rocket Balloons, Bubbles, Drops and Helicopters | Science | Rob Cunningham | Saturday 30 June | 9.30am – 3pm | 18 | £55 | AGAT | 20 |
| 3/4 | Braeside Borrowers | Numeracy Literacy Science | Claire Johnson | Friday 13 July | 9.30am – 3pm | 16 | £52 | E | 21 |
| 3/4 | High Tech Treasure Seekers | Numeracy Geography ICT | Yousaf Mirza | Friday 27 July | 9.30am – 4pm | 16 | £52 | E | 22 |
| 4 | Calculation Detectives | Numeracy | Claire Johnson | Friday 27 April | 9.30am – 3pm | 18 | £55 | AGAT | 23 |
| 4 | Another World | Literacy | Steve Voake | Tuesday 12 and Wednesday 13 June | 9.30am – 3.30pm | 18 | £110 | AGAT | 24 |
| 4/5/6 | Help! I've fallen into a Pirate Painting! | Literacy | Dave Borrie | Thursday 28 June | 9.30am – 3.30pm | 18 | £55 | AGAT | 25 |

| | | | | | | | | | |
|-------|--|--------------------------|---|---------------------------------------|---|----|------|------|----|
| 4 | Intrepid Explorers; Maths Adventure | Numeracy | Claire Johnson | Friday 29 June | 9.30am – 3pm | 16 | £55 | AGAT | 26 |
| 4/5/6 | Wet and Wild | Outdoor Education | Keith Browning Yousaf Mirza Josh Simons | Thursday 26 July | 9am – 1pm | 12 | £25 | E | 27 |
| 4/5/6 | Green Wood Crafts | Outdoor Education | Keith Browning Yousaf Mirza Josh Simons | Thursday 26 July | 1.30pm – 4.30pm | 12 | £25 | E | 28 |
| 4/5/6 | Young Local 'Triathlon' | P.E Outdoor Education | Keith Browning Yousaf Mirza Josh Simons | Monday 30 July | 9.30am – 4.30pm | 12 | £52 | E | 29 |
| 4/5/6 | Half Day Off-road Biking | Outdoor Education | Keith Browning Yousaf Mirza Josh Simons | Tuesday 31 July | 9am – 12pm | 10 | £25 | E | 30 |
| 4/5/6 | High Flyers | Outdoor Education | Keith Browning Yousaf Mirza Josh Simons | Tuesday 31 July | 1pm – 4pm | 16 | £25 | E | 31 |
| 5 | Apprentice Story Writers | Literacy | Steve Voake | Wednesday 25 April | 9.30am – 3.30pm | 18 | £55 | AGAT | 32 |
| 5/6 | 'Take a closer look'; Microscopes | Science | Peter Sainsbury | Tuesday 22 May | 9.30am – 3.30pm | 16 | £55 | AGAT | 33 |
| 5/6 | Graphic Novels | Literacy | Sue Roles | Thursday 7 June | 9.30am – 3.30pm | 18 | £55 | AGAT | 34 |
| 5/6 | Water Water Everywhere | Science | Rob Townhill | Thursday 14 June | 9.30am – 3.30pm | 15 | £45 | AGAT | 35 |
| 5/6 | Globe-trotter Maths | Numeracy | Hannah Crook | Saturday 16 June | 9.30am – 3.30pm | 18 | £55 | AGAT | 36 |
| 5/6 | Active First Aid | First Aid | Dave Clegg | Monday 18 June | 9.30am – 3.30pm | 16 | £55 | E | 37 |
| 5 | Natural Maths | Numeracy | Claire Johnson | Friday 22 June | 9.30am – 3.30pm | 16 | £55 | AGAT | 38 |
| 5/6 | Wacky Races | Science | Adrian Dening | Saturday 30 June and Sunday 1 July | 10am – 5pm Saturday 10am – 3.30pm Sunday | 16 | £110 | AGAT | 39 |
| 5/6 | Marooned on an Island | Outdoor Education | Rob Townhill Keith Browning | Friday 20 and Saturday 21 July | 9.30am - 9pm or 10am Saturday | 16 | £55 | E | 40 |

Introduction to the courses

These courses follow on from successful courses run in previous years and offer further opportunities from April – July 2018

Many pupils are particularly able or talented in one or more areas, such as:

- Academic and intellectual
- Expressive and performing arts
- Social, leadership and organisation
- Visual, spatial and mechanical
- Design and technology
- Sport and physical

The overall aim of the courses is to extend the opportunities for individual pupils to explore and develop areas of ability and talent.

Our purposes are to:

- Provide an opportunity for teachers to acknowledge pupils' potential, gifts and talents, and nominate them to participate in exciting and stimulating challenges
- Extend the range of opportunities available to Years 2, 3, 4, 5 and 6 pupils, to meet others with similar interests, abilities and talent in order to work in a variety of ways to increase understanding, develop skills and explore challenges
- Provide an opportunity for teachers and other adults in the learning community to offer their knowledge and skills.
- Extend the range of learning activities available to pupils to **enrich** their education.

The courses focus on challenges for Years 2 to 6 pupils and offer a range of opportunities to work with adults from various professions and disciplines. It is our intention to extend the range of courses available in the future.

All courses in this programme will be held at Braeside Education Centre, Devizes, but some may involve visits off site in the surrounding area.

Further details

- The courses are offered to Years 2 - 6 pupils at schools across Wiltshire. Courses may be more widely offered, i.e. to Swindon schools, to ensure viability.
- Schools are invited to publicise the courses to appropriate pupils and allow them to apply to Braeside for a place. Parents and pupils may also select courses of interest but the pupil's school **must** endorse all AGAT applications.
- Various Enrichment courses, designated E, are included within this booklet. Pupils don't have to be on your AGAT register to apply if you (or their class teacher) think they would gain from the enrichment courses we would be happy for them to apply.
- No pupil should be denied nomination through financial hardship. A limited number of assisted places are available. Please contact Keith Browning at Braeside 01380 722637 for further information regarding this matter.

Parents/carers will be responsible for getting pupils to and from the courses; unless the school makes alternative arrangements.

- In the case of over subscription, places will be allocated by:
 - The date the application is received at Braeside, i.e. on a **first come, first served basis**
 - Balancing the genders in the group
 - Achieving a spread of schools and the geographical areas they represent
 - Whether the pupil has a place on another course
 - Comments written by the teacher on the application form

Preference may be given to Year 6 pupils as Years 5 and 4 may be offered a place in the future. In cases where courses are highly oversubscribed, Braeside will endeavour to run extra courses so that pupils are not disappointed.

- School staff may attend by arrangement – indeed we would welcome any ideas that teachers and/or other professionals have on running or contributing to future courses.
- All applications should be sent to:

AGTE Coordinator
Braeside Education Centre
Bath Road
Devizes
SN10 2AP

Cheques should be made payable to **Wiltshire Council**.

- If a course place is booked, paid for and allocated but the pupil does not attend (through illness etc.) a refund will **not** be given, unless a replacement is found for that place. (Insurance can be taken out for such circumstances – 'pupil trip insurance').

Supervision stay information

- On one day courses the tutor(s) will carry out the supervision of the pupils. Additional Braeside staff are available to assist if necessary.
- Where the course involves an overnight stay, there will be a minimum of one male and one female member of staff. As well as this, a member of the Braeside Education Centre will be on call to help deal with any problems that may arise. Courses of an outdoor nature will be supervised more closely and involve more tutors. County ratio requirements in the Wiltshire Council off-site activities manual will be followed.
- Most residential courses held at Braeside Education Centre will provide bedding and breakfast, lunch and evening meals where applicable. Pupils should bring nightwear and a wash kit, including a towel. For outdoor courses, a more specific kit list is given in the course details.
- Parents/carers are reminded that it is essential that **two** emergency telephone numbers are supplied on the application form.
- Any medication that is required by a pupil should be brought with them and the tutors should be notified of any special requirements.
- **Whilst parents/carers deliver and collect pupils to and from Braeside, it is not expected that they remain on site.**
Access to the house will only be available five minutes prior to the end of the course for parents collecting.

Application procedure checklist for schools

- Consult booklet for course details – dates, times, focus, organisers and location.
- Select appropriate course(s).
- Consult with colleagues and nominate pupil(s) using guidance criteria – teachers should make an individual comment on the pupil's suitability for AGAT courses
- Various Enrichment courses, designated E, are included within this booklet. Pupils don't have to be on your AGAT register to apply if you (or their class teacher) think they would gain from the enrichment courses we would be happy for them to apply.
- Consult/inform parents/carers about the course details, cost, venue, transport arrangements. Please stress that places are **not guaranteed** as courses may be oversubscribed. Ensure parents/carers receive copies of application form and course details.
- Parents/carers are asked to send the application form to the following address:
 AGTE Coordinator
 Braeside Education Centre
 Bath Road
 Devizes
 SN10 2AP
- Payment for courses can be made either by; cheque, cash or credit/debit card.
Payments by cheque or cash - must be included with the application form. Cheques are to be made payable to **Wiltshire Council**.
Payments by debit/credit card - we will send parents through a confirmation email stating that we have received their application form, and if their child has been allocated a space. They will then have 7 days to ring Braeside on **01380 722786** with payment information.
 (Please note if we do not receive contact within 7 days of confirmation being sent, we cannot guarantee their child's space)
- Parents/carers will be notified either by an e-mail, letter or telephone call as to whether places have been allocated to those pupils nominated.
- If any applicants have not heard whether a place has been allocated or not, they must contact Braeside to find out the outcome. (Sometimes emails/post do get lost.)
- Unsuccessful applicants will be refunded, but a reserve list will be kept if those allocated a place drop out.
- It is suggested that schools keep a note of applications and pupils attending courses.
- Discuss course and follow-up work in school with appropriate pupils and staff.
- If a course place is booked, paid for and allocated but the pupil does not attend (through illness etc.) a refund will **not** be given, unless a replacement is found for that place. (Insurance can be taken out for such circumstances – 'pupil trip insurance').

Course application form - page one of two

Please ensure you have the course details sheet from the school, or our website, before completing this application. Places are not automatically guaranteed, but are allocated according to the criteria laid out in the AGTE booklet sent to schools and on the Braeside website.

Confirmation or otherwise will be sent from Braeside for all completed applications by email or letter. Please do not assume a place has been allocated, but contact Braeside if you do not receive a response within four weeks of the course date. If a place is booked, allocated and paid for, but the pupil does not attend, (through sickness etc.) money will not be refunded **NB If applying for more than one course at a time, please use a separate application and payment for each course.**

If Braeside cancels the course for any reason, a **full** refund will be made.

| | | | | | |
|---|--|---------------------|------------|--|--|
| Name of course | | Course dates | | Time | |
| Forename | | Surname | | M / F | |
| Date of birth | | Parent/Carer Name | | | |
| Address | | | | | |
| Tel. No. 1 | | Tel. No. 2 | | Two phone numbers must be provided. | |
| Email (Please use BLOCK CAPITALS) | | | | | |
| School | | | Year group | | |
| Previous courses attended | | | | | |

Please select which method you will be using for payment of this course;

| Payment Method | |
|--------------------------|--------------------------|
| Cheque | <input type="checkbox"/> |
| Cash | <input type="checkbox"/> |
| Debit/Credit Card | <input type="checkbox"/> |

Payments by cheque or cash - must be included with your application form.

Cheques are to be made payable to **Wiltshire Council**.

Payments by debit/credit card - we will send you through a confirmation email stating that we have received your application form, and if your child has been allocated a space.

You will then have 7 days to ring Braeside on **01380 722786** with payment information.

(Please note if we do not receive contact within 7 days of your confirmation being sent, we cannot guarantee your child's space)

(Please use a separate application form for each course)

Signed (Parent/Carer): _____ Date: _____

Endorsement to be provided by teacher;

I believe that the child named above is suitable for the course entitled.

Signed (Teacher): _____ Date: _____

Teachers - please also write comments below to help us assess the suitability of this pupil for this course: -

Course application form - page two of two

| | | | |
|-----------------|--|-------|--|
| Name of course: | | | |
| Course dates: | | Time: | |

IMPORTANT: In order to ensure the proposed activity is planned, agreed and safe for all, this form must be completed and returned to Braeside before the start of the course.

| | |
|--------------------------------|--|
| Name of participant's doctor | |
| Surgery address | |
| Surgery Tel. No | |
| Dietary needs/requirements | |
| Behavioural needs/requirements | |
| Medical conditions * | |

* Please ensure that any medication required for the duration of the course is brought with the pupil and that the tutor is informed.

Parent/Carer declaration:

In signing this document I accept the following:

- I have read and fully understood the information relating to the proposed activity.
- I consider my son/daughter/ward to be medically fit to participate in the activities outlined and agree to inform you should this situation change between now and the activity date.
- I agree to my son/daughter/ward receiving medication and any emergency dental, medical or surgical treatment, including anaesthetic, as considered necessary by the medical authorities present. (In the event of an emergency, every effort will be made to contact parents/guardians immediately on the phone numbers supplied).
- Behaviour: pupils attending courses are expected to exhibit their **best** behaviour and to be polite and mature in responses to other pupils and adults. It is expected that pupils will follow instructions for their own and others' safety. Any pupil misbehaving may be prevented from continuing with the activity and parents may be contacted to arrange their collection.
- **Photographs** - Please tick this box , if you **do not** wish to allow photographs of your son/daughter/ward to be used in publicity/promotion for this type of course in the future.
- **Mobile devices** - we advise that pupils do not bring Mobile Phones or Internet devices, unless requested as part of the course. Braeside has unfiltered WI FI (Through Wiltshire Council) for conference purposes.

Name: _____

Signed: _____ Date: _____

Please send application forms to:

AGAT Co-ordinator Braeside Education Centre, Bath Road, Devizes, SN10 2AP

Please note that places cannot be reserved by phone or e-mail, although enquiries can be made regarding availability.

Whilst parents/carers deliver and collect pupils to and from Braeside, it is not expected that they remain on site.

Access to the house will only be available five minutes prior to the end of the course for parents collecting.

Year 2/3 pupils – Being a Brave Neolithic Hunter Gatherer!

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|--------------|---------------------------|------|-------------|--------------------------------------|
| Thursday 3 May 2018 | 9.30am – 3pm | Braeside Education Centre | £55 | 16 | Outdoor Education History AGAT |

Course details

A day spent learning about daily life in the Neolithic times.

The children will learn about what Wiltshire was like 5000 years ago. They will spend the morning around the campfire and shelter in the wooded part of the Braeside grounds living as Neolithic people.

They will have fun learning how to follow and identify animal tracks.

They will fill their food baskets searching the hedgerows and surrounding area for berries and other edible things to bring home to the tribe. (No berries etc will be eaten while they gather and an adult will be with them at all times)

They will listen to stories of bravery and dangerous exploits in the Neolithic Wildwood.

They will learn and sing a Neolithic song round the fire.

In the afternoon, they will walk to Devizes Museum to spend time in the Neolithic gallery and have the opportunity to view and handle actual Neolithic artefacts.

Guidance criteria for identifying participants:

- Pupils should expect to work with other participants as well as on their own.
- Pupils need to be able to listen calmly and be trusted to explore the area quietly and sensibly.
- Pupils should be interested in finding out what life was like 5000 years ago.
- Pupils must be able to follow simple instructions and work independently.

Course tutor

Dave Borrie is a retired Primary Headteacher. His happiest times were always working with children, not government documents. He has always endeavoured to inspire children to enjoy being learners and to develop creativity in their work. He has worked as a guide and Neolithic storyteller at Devizes museum. He still believes learning should be fun!

As a result of coming on the course you will have:

- Had fun
- Met and interacted with other children
- Learnt more about Neolithic times and artefacts
- Followed animal tracks and gathered wild food
- Learnt the Neolithic song!

What you will take away with you:

- A certificate of attendance
- A sense of achievement
- New skills and increased understanding of Neolithic times

Students should bring:

- Imagination
- Outdoor clothing of dark colours

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 2 pupils – Mini Maths Challenge

| Date of course | Times | Venue | Cost | Max. places | Subject |
|--------------------|-----------------|---------------------------|------|-------------|------------------|
| Friday 8 June 2018 | 9.30am – 2.30pm | Braeside Education Centre | £55 | 16 | Numeracy AGAT |

Course details

Solve puzzles, use equipment, meet new friends, discuss and record your results as you use and develop your maths skills but are challenged to explore new things too.

A wonderful way to try out a day at Braeside Centre with an enjoyable selection of maths tasks to challenge and engage pupils. The course aims to consolidate known mathematical skills, introduce new skills and develop new ways of thinking about maths.

Guidance criteria for identifying participants:

- Good / exceptional mathematicians in order to get the maximum from the course
- The ability to work in groups and independently
- The ability to work in unfamiliar conditions i.e. with other adults and children

Course tutor

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of attending the course you will have:

- Enjoyed yourself!
- Explored shape, space and measure concepts and the mathematical principles underlying them
- Developed communication skills with others, both interpersonally and through explaining your work
- Developed your mathematical knowledge

Students should bring:

- Pencils / Paper

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 2 pupils – Talking to Animals

| Date of course | Times | Venue | Cost | Max. places | Subject |
|------------------------|-----------------|---------------------------|------|-------------|---------------|
| Wednesday 27 June 2018 | 9.30am – 2.30pm | Braeside Education Centre | £55 | 18 | Literacy AGAT |

Course details

This is a fun, creative session which will use the book 'Daisy Dawson' as a starting point. Young writers will be encouraged to imagine how it would be if they could talk to animals. What might they say? And what might the animals reply...?

We will also explore some of the animal characters in the 'Maxwell Mutt' series and look at how new characters can be developed.

If possible, pupils should try to read 'Daisy Dawson' and/or other books in the Daisy Dawson series (Walker Books) before attending the session.

As a result of coming on the course you will have:

- Discussed your ideas
- Engaged in drama / role play with a partner
- Looked at approaches to inventing new animal characters
- Written an imaginative piece of work
- Written a collaborative poem 'If I Could Talk to Animals...'
- Shared your work with others
- Been given advice on writing from a published author
- Been inspired to write even more...!

Guidance criteria for identifying participants:

- Pupils should enjoy writing for pleasure
- Pupils should have a natural flair for creative writing
- Pupils should be willing to discuss their thoughts and ideas with others

Course tutor

Steve Voake is the author of many books for young people including 'The Dreamwalker's Child', 'The Web of Fire', 'The Starlight Conspiracy', 'Blood Hunters' (Faber and Faber) as well as the 'Daisy Dawson' series, the 'Hooey Higgins' series and the 'Maxwell Mutt' series for younger readers (Walker Books). Steve is also Senior Lecturer in Creative Writing at Bath Spa University. Before becoming a writer, Steve was Head teacher of a primary school in Somerset and taught in primary schools for twenty years.

Students should bring:

- A notebook or notepad and pen

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 2 pupils – Adventure Play Together

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|--------------------|------------------------------|------|-------------|---------------------------|
| Friday 27 July 2018 | 9.30am – 3.30pm | Braeside Education Centre | £52 | 16 | Outdoor Education E |

Course details

This course is a great introduction to Braeside.

The day is spent learning to interact with others to solve problems in a fun practical way, mostly outside. Can you work as part of a team to balance the rocking platform? Climb through our 'spiders web' without making a sound? Can you build your own path, using pipes, in the quickest time?

Pupils will have the opportunity to experience an exciting session on Braeside's Low Ropes Adventure Course, explore the Braeside grounds and use its resources to build shelters for woodland creatures! We will also learn parachute games, woodland adventures and develop teamwork skills for blindfold activities.

Guidance criteria for identifying participants:

- Pupils should expect to work with other participants in a team.
- Pupils need an interest in the outdoors and using natural materials.
- Pupils should be happy to play outside in variable weather.
- Pupils should have the ability to focus on a task over a period of time.
- Pupils must be able to follow simple instructions.

Course tutor

Josh Simons is an outdoor instructor at Braeside Education and Conference Centre. After completing a diploma in outdoor education, he has been involved in outdoor education and worked in many different outdoor centres for the last 9 years. Josh has recently started working at Braeside. He has a BCU Level 1 coach award, a Level 2 mountain bike instructor award, a single pitch award in climbing instruction, a qualified first aider and has various experience in instructing a wide range of activities.

As a result of coming on the course you will have:

- Improved your problem-solving skills.
- Had fun.
- Met and interacted with other children.
- Spent time outside enjoying and connecting with the natural environment.

What you will take away with you:

- A certificate of attendance.
- New skills and increased confidence in playing in the outdoor environment.

Students should bring:

- Old trainers/walking boots
- A waterproof top/coat
- Outdoor clothing, long trousers recommended.
- A bottle of drink for the day
- A change of clothing and shoes
- Sunhat and sun cream

Lunch and refreshments are provided.

No mobile phones.

Year 3 pupils – Mega Maths Challenge

| Date of course | Times | Venue | Cost | Max. places | Subject |
|----------------------|--------------|---------------------------|------|-------------|---------------|
| Wednesday 2 May 2018 | 9.30am – 3pm | Braeside Education Centre | £55 | 16 | Numeracy AGAT |

Course details

Spend time exploring some new maths challenges that you haven't yet tackled. We will cover several fun tasks in the day which will introduce skills such as geometry, lateral thinking and advanced number system work with calculations...to say more would let you in to the surprises in store. Hopefully, you will feel that you can finish the day with lots of new ideas and new friends. The course overall aims to consolidate known mathematical skills, introduce skills that are new for Year 3 pupils and develop different ways of thinking about maths.

Guidance criteria for identifying pupils:

- A love of mathematics
- Keen attitude, for example, those who enjoy the subject
- The ability to work in groups and independently both outside and indoors
- The ability to work in unfamiliar conditions i.e. with other adults and children
- Enquiring minds

Course tutor

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:

- Enjoyed yourself
- Developed your mathematical skills when approaching contextual challenges
- Developed interpersonal skills
- Developed your ability to record and discuss your work

Students should bring:

- Pencils and a notepad

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 3 pupils – Story Magic

| Date of course | Times | Venue | Cost | Max. places | Subject |
|--------------------|--------------|---------------------------|------|-------------|------------------|
| Friday 11 May 2018 | 9.30am – 3pm | Braeside Education Centre | £55 | 30 | Literacy AGAT |

Course details

Do you love words, the sound or the look of them? Come and join in a day of activities that will introduce you to clever tricks and fun tips. We will look at the magic behind stories and examine the patterns they make. Create your own Word Magic to conjure up pictures and stories!

Guidance criteria for identifying participants:

- Pupils should enjoy words written and spoken
- Pupils should demonstrate abilities in creative literacy and a willingness to develop their skills.
- It is essential participants have the maturity to work with unfamiliar adults and children in unfamiliar surroundings and in role play contexts.

Course tutors

Claire Johnson has over twenty years' primary teaching and management experience in schools across the country. She has experience leading courses for gifted and talented pupils in the areas of science, literacy, drama and mathematics. She regularly contributes to community drama productions in Somerset where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background have given her a passion for appreciating the links that can be made across academic disciplines and encouraging a pupils own natural spirit of enquiry.

Ian Leak has extensive experience in schools across the south-west. He has particular expertise in the Primary sector and runs courses for gifted and talented pupils in the areas of literacy and drama. He has his own weekly radio show in Somerset and is involved in community projects linked to media and music. Ian is particularly interested in developing a focus for young children to use their skills in context.

As a result of coming on the course you will:

- Have created work through writing and dramatic storytelling
- Been introduced to a bank of useful tips to help you develop your creative writing
- Begun your book of word magic
- Explored the key elements found in stories.
- Identified main story themes and how they re-occur in our favourite stories.
- Worked together in teams to create stories; with a focus on good communication.
- Used story boards for planning
- Used random images and object story starters.
- Developed our ability to innovate when storytelling.
- Met new people and had fun!

What you will take away with you:

- New knowledge and thinking skills

Students should bring:

- Favourite writing materials, pens and/or pencils
- Willingness to have fun with stories and share ideas

Lunch and refreshments are provided.

School uniform is not required. No mobile telephones please.

Year 3 pupils – Pirate Quest; Maths at Sea

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|--------------|---------------------------|------|-------------|------------------|
| Friday 15 June 2018 | 9.30am – 3pm | Braeside Education Centre | £55 | 16 | Numeracy AGAT |

Course details

Set forth on a day of discovery around the house and grounds of Braeside. A map has been discovered, but as yet it remains incomplete. We will use mathematical problem solving and challenge tasks to solve the clues and complete the puzzle. Pupils need to be ready to venture forth as part of a team, be excited about exploring problems in context and keen to seek out adventure. Sensible adventure pirate style clothes and outdoor shoes would be useful.

Guidance criteria for identifying participants:

- A love of mathematics...and adventure!
- Ability to work creatively, using language/drama contexts
- An ability to work in groups and independently
- The ability to work in unfamiliar conditions i.e. with other adults and children

Course tutor

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:

- Enjoyed yourself!
- Developed your problem-solving abilities and ability to explore contextual problems
- Developed interpersonal skills and the ability to explain the methods of your work
- Developed your mathematical knowledge

Students should bring:

- Pencil, notepad

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 3/4 pupils – Science of Scalextric

| Date of course | Times | Venue | Cost | Max. places | Subject |
|-----------------------|------------|---------------------------|------|-------------|--------------|
| Saturday 16 June 2018 | 10am – 4pm | Braeside Education Centre | £55 | 16 | Science AGAT |

Course details

Take up pole position for this action-packed and educational workshop, where you are going to have a great time playing with Scalextric, but at the same time exploring maths, physics and ICT.

A giant Scalextric layout provides the opportunity to learn first-hand about the role that the electronics play and, in the case of the newer Scalextric Digital format, how the cars and controllers form a miniature computer network.

But electronics alone cannot keep your car on the track – is it driving skill or pure physics? How do we make sure that the races are fair? Are you up for the challenge to take 1st place in the Braeside Grand Prix?

Guidance criteria for identifying participants:

- Pupils should have an interest in physics and an enquiring mind.
- Pupils will need to be able to work confidently, both individually and in small groups.
- Pupils must show the aptitude to translate theory into a practical application.
- Pupils must want to share the academic and practical challenges of the course – and the fun

Course tutor

Adrian Dening has over thirty years' experience in delivering science courses for Able, Gifted and Talented students. He offers a wide range of topics exploring electronics, ICT, space science and even spying! He is a keen Amateur Radio enthusiast and astronomer. Adrian is an Approved Driving Instructor and member of the Chartered Institute of Personnel and Development. His G&T courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. All courses include the assessment of written work and note-taking, providing the basis of feedback to parents. The courses involve a mix of individual and group activities and students are actively encouraged to explore different learning styles, take responsibility for their own time management and think "outside the box". A full portfolio of Adrian's courses is available at <http://www.AdrianDening.com>

As a result of attending the course you will have:

- A greater understanding of electronics.
- Worked successfully in a group with your peers.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students will not be required to bring any specific materials with them as all necessary resources will be provided.

Lunch & refreshments are provided.

School uniform is not required.

No mobile phones.

Year 3/4 pupils – Aviation Aces

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|------------|---------------------------|------|-------------|--------------|
| Sunday 17 June 2018 | 10am – 4pm | Braeside Education Centre | £55 | 16 | Science AGAT |

Course details

How have we progressed so quickly from the Wright Brothers' early creations to stealth bombers and Jumbo Jets?

This exciting workshop explores these developments and introduces students to the world of modern aviation. You even get to build your own glider!

Classroom sessions covering physics and the laws of aerodynamics are reinforced by practical sessions outdoors, flying a variety of model aeroplanes and helicopters. We will also be operating our own Air Traffic Control, monitoring flights by Radar and listening to the communications of aircraft entering UK airspace from the Continent and maybe even further afield.

Guidance criteria for identifying participants:

- Pupils should have an interest in physics and an enquiring mind.
- Pupils will need to be able to work confidently, both individually and in small groups.
- Pupils must be willing to generate ideas based on scientific data and transfer these ideas into a completed creative product.
- Pupils must want to share the academic and practical challenges of the course – and the fun!

Course tutor

Adrian Dening has over thirty years' experience in delivering science courses for Able, Gifted and Talented students. He offers a wide range of topics exploring electronics, ICT, space science and even spying! He is a keen Amateur Radio enthusiast and astronomer. Adrian is an Approved Driving Instructor and member of the Chartered Institute of Personnel and Development. His G&T courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. All courses include the assessment of written work and note-taking, providing the basis of feedback to parents. The courses involve a mix of individual and group activities and students are actively encouraged to explore different learning styles, take responsibility for their own time management and think "outside the box". A full portfolio of Adrian's courses is available at <http://www.AdrianDening.com>

As a result of attending the course you will have:

- A greater understanding of physics.
- Worked successfully on an individual project.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students will not be required to bring any specific materials with them as all necessary resources will be provided.

Lunch & refreshments are provided.

No mobile phones.

Year 3/4 pupils – Rocket Balloons, Bubbles, Drops and Helicopters

| Date of course | Times | Venue | Cost | Max. places | Subject |
|-----------------------|-----------------|---------------------------|------|-------------|--------------|
| Saturday 30 June 2018 | 9.30am – 3.00pm | Braeside Education Centre | £55 | 18 | Science AGAT |

Course details

This thought provoking day will focus on “broadening children’s scientific view of the world around them” (*Science programme of study Sept 13*). This course will give children the rare opportunity to spend a whole day focused on working scientifically. It will support accelerated progress within the new programme of study for any child with a questioning mind. During the day course members will be given the opportunity to secure and master the skills that are the outcomes for early Key Stage Two. Children will be given the opportunity to explore, talk about, test and develop ideas about everyday phenomena. Course members will make and investigate rocket balloons, blow incredible bubbles and explore the life of a drop. Most importantly participants will be free to question and investigate the things that interest them; hopefully finding some surprises.

Guidance criteria for identifying participants

- Show an interest in the world
- Be able to think about, question and discuss alternatives for scientific theories
- Be able to work independently and in groups
- Be trusted to use resources sensibly
- You will not be required to read or write much – this course is for thinkers and doers!

Course tutor

Robert Cunningham graduated from the University of Plymouth with a BEd honours degree. He then worked as the president of the student union before becoming a primary school teacher. Having had experience in both KS1 and KS2, Rob is now a Deputy Head in a large outstanding primary teaching school. He leads science and technology and has responsibility for this area across the Multi Academy Trust. Rob has a strong belief in children thinking and learning for themselves and making decisions that are going to be beneficial to their future. He believes that learning is most powerful when the ideas have been child initiated and that science offers the opportunity for children to acquire and develop these skills.

As a result of coming on the course you will have:

- Enjoyed yourself, made some friends
- Asked and investigated a question of your choosing
- Developed questioning and investigative skills setting up practical enquiries focused on fair testing
- Made systematic and careful observations
- Drawn conclusions, made predictions and suggested improvements.

What you will take away with you

- New ideas and strategies to use in a real context
- A broader prospective of science and how this links to career opportunities
- Friends
- Certificate of attendance

Students should bring

- Pencil & pens / calculator / ruler
- Paper – squared if possible

**Lunch and refreshments are provided.
School uniform is not required. No Mobile phones.**

Year 3/4 pupils – Braeside Borrowers

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|--------------|---------------------------|------|-------------|----------------------------------|
| Friday 13 July 2018 | 9.30am - 3pm | Braeside Education Centre | £52 | 16 | Numeracy, Literacy, Science E |

Course details

Welcome to the world of the tiny people who live at Braeside! 'Borrowing' things, recycling and making use of things when others might overlook them. This is a fun-packed day which makes use of the outdoor space and the centre's links with the wider environment to explore subjects such as; maths, creative writing, design, story and science. Come along and see what you can discover, what you can create and find new friends along the way.

Guidance criteria for identifying participants:

- Enjoy working with others
- Communicating with new people
- Exploring
- Story, measuring and calculating
- Making models
- Investigating the environment

Course tutor

Claire Johnson has over twenty years' primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of language, science, drama and mathematics. She regularly contributes to community drama productions in the South-west, where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:

- Explored story and creative writing
- Investigated the outside environment
- Made models using measurements and calculations
- Worked with new people
- Had fun!

Students should bring:

- Clothes/shoes suitable for working outside as well as indoors

School uniform is not required. No mobile phones.

Lunch and refreshments are provided.

Year 3/4 pupils – High-Tech Treasure Seekers!

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|--------------|---------------------------|------|-------------|-------------------------------|
| Friday 27 July 2018 | 9.30am – 4pm | Braeside Education Centre | £52 | 16 | Numeracy, Geography, ICT E |

Course details

The challenge is set. Can the students locate the clues to help them find the treasure using GPS (Global Positioning System) technology? This 'geocaching-style' day focuses students to use and develop their ICT skills to navigate in and around the Braeside site with amazing accuracy. Full guidance and teaching will be given in how to use a GPS device (supplied) to allow the students to complete the challenges, solve the problems and find the treasure. Challenges include following GPS to a location, geocaching, searching techniques, determining location and much more. High tech outdoor learning!

Guidance criteria for identifying participants:

- Pupils need an interest in ICT and a willingness to apply this in the outdoors.
- Pupils should be happy to work outside in all weathers.
- Pupils should have the ability to focus on a task over a period of time.
- Pupils should have an awareness of health and safety and the importance of following rules.
- Pupils should expect to work with other participants in a team.

Course tutor

Yousaf Mirza is the Head of Education at Braeside Education and Conference Centre. Yousaf has 23 years of experience working in education, including operating in the outdoor classroom, school teaching and managing in schools, and outdoor education centres. He is an experienced outdoor practitioner, an aspirant International Mountain Leader, Level 3 kayak coach, MIAS Level 3 Off-Road Biking Coach and an outdoor/environmental education leader/facilitator. Yousaf delivers high quality educational experiences and is passionate about the quality of the outdoor learning experiences as a way to engage, motivate and inspire people of all ages.

As a result of coming on the course you will have:

- Had fun
- Improved navigation skills
- Learnt about waypoints, geocaching, search techniques, GPS device use and demonstrated success through finding treasure!
- Develop a basic understanding of the way GPS operates

What you will take away with you:

- A certificate of attendance
- Knowledge and understanding of the GPS
- Navigation skills and an awareness of how to take these skills further

Students should bring:

- A change of clothing/shoes
- Old trainers
- Waterproof top/coat & sun cream /sunhat
- A bottle of drink for the day

Lunch and refreshments are provided.

School uniform is not required. No mobile phones.

Year 4 pupils – Calculation Detectives

| Date of course | Times | Venue | Cost | Max. places | Subject |
|----------------------|--------------|---------------------------|------|-------------|---------------|
| Friday 27 April 2018 | 9.30am - 3pm | Braeside Education Centre | £55 | 18 | Numeracy AGAT |

Course details

Fraud is suspected. Is there a case to answer? We are recruiting detectives who can solve this mystery. Are you ready for the challenge?

Pupils will experience a variety of contextual maths problems over the course of the day, with a focus on calculations and choice of operation. They will explore how to solve different mathematical problems looking at methods and strategies for doing this. The children will need to explain their problem solving strategies and be able to identify and develop recording methods.

Guidance criteria for identifying participants:

- Good / exceptional mathematicians in order to get the maximum from the course
- An ability to work in groups and independently
- The ability to work in unfamiliar conditions i.e. with other adults and children
- A love of mathematics

Course tutor

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:

- Enjoyed yourself!
- Developed your reasoning skills for applied maths challenges
- Developed interpersonal skills and the ability to explain the mechanics of your work
- Developed your mathematical and logical approaches

Students should bring:

- Pencils and notepad

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 4 pupils – Another World

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---|------------------------------|------------------------------|------|-------------|------------------|
| Tuesday 12 and Wednesday 13 June 2018 | 9.30am – 3.30pm both days | Braeside Education Centre | £110 | 18 | Literacy AGAT |

Course details

This course will look carefully at the way extended stories are constructed and how they often involve moving into a different world, as in 'The Dreamwalker's Child'. Steve will use examples from his own work to show how this can be done successfully. You will then have the opportunity to create your own world and adventures by writing and illustrating a story from your own imagination!

Guidance criteria for identifying participants:

- Pupils should enjoy writing for pleasure
- Pupils should have a natural flair for creative writing
- Pupils should be willing to discuss their thoughts and ideas with others

Course tutor

Steve Voake is the author of many books for young people including 'The Dreamwalker's Child', 'The Web of Fire', 'The Starlight Conspiracy', 'Blood Hunters' (Faber & Faber) as well as the 'Daisy Dawson' series and the 'Hoey Higgins' series for younger readers (Walker Books). Steve is also Senior Lecturer in Creative Writing at Bath Spa University. Before becoming a writer, Steve was Head teacher of a primary school in Somerset and taught in primary schools for twenty years.

As a result of coming on the course you will have:

- Been given advice on story writing from a published author
- Learned various techniques to improve your story writing
- Written and illustrated your own story about 'Another World'
- Been inspired to write even more...!

Students should bring:

- A notebook or notepad and pen
- Coloured pencils

**Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.**

Year 4/5/6 pupils – Help! I’ve fallen into a Pirate Painting!

| Date of course | Times | Venue | Cost | Max. places | Subject |
|-----------------------|--------------------|------------------------------|------|-------------|------------------|
| Thursday 28 June 2018 | 9.30am – 3.30pm | Braeside Education Centre | £55 | 18 | Literacy AGAT |

Course details

A day spent learning to develop pieces of creative writing from the stimulus of vibrant and exciting paintings. Pirate paintings! All paintings will be of artistic significance.

The children will explore the story in the paintings and use drama techniques to ‘take part’ in the events and go backwards and forwards in time to imagine what led up to the pictured event and what happened next.

From this the children will develop a piece of writing drawn from the discussions and experiences, choosing to write either in role as one of the characters or in the third person.

Children must have a real interest in creative writing.

Pupils are encouraged to wear some pirate clothing; e.g. headscarf, striped trousers or top, wide belt, boots etc. No children will be forced to walk the plank!

There were plenty of pirate women! So both girls and boys will enjoy this course.

Guidance criteria for identifying participants:

- Pupils should expect to work with other participants as well as on their own
- Pupils need an interest in creative writing
- Pupils should be happy with the fact that writing a short piece of quality writing takes a long time
- Pupils must be able to follow simple instructions and work independently

Course tutor

Dave Borrie is a retired Primary Headteacher. His happiest times were always working with children, not official documents. He has always endeavoured to inspire children to enjoy being learners and to develop creativity in their work. He still believes learning should be fun!

As a result of coming on the course you will have:

- Had fun
- Met and interacted with other children
- Learnt more about using drama as a powerful learning tool
- Enjoyed the process of creative writing
- Learnt the Pirate Code!

What you will take away with you:

- A certificate of attendance
- A sense of achievement
- At least one piece of creative writing
- New skills and increased confidence in the art of writing creatively

Students should bring:

- Imagination
- An A4 notepad
- Pens/pencils in more than one colour for writing
- Encouraged to bring a costume / eyepatches

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 4 pupils – Intrepid Explorers; Maths Adventure

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|--------------|---------------------------|------|-------------|---------------|
| Friday 29 June 2018 | 9.30am – 3pm | Braeside Education Centre | £55 | 16 | Numeracy AGAT |

Course Details

Set forth on a day of discovery around the house and grounds of Braeside. A poem has been discovered, but as yet it remains incomplete. We will use mathematical problem solving and challenge tasks to solve the clues and complete the puzzle! Pupils need to be ready to venture forth as part of a team, be excited about exploring problems in context and keen to seek out adventure. Sensible adventure-style clothes and shoes would be useful.

Guidance criteria for identifying participants:

- Keen mathematicians i.e. those who enjoy the subject
- Ability to work creatively, using language/drama contexts
- An ability to work in groups and independently
- The ability to work in unfamiliar conditions i.e. with other adults and children
- A love of mathematics...and adventure!

Course tutor

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of maths, science, language and drama. She has regularly contributed to community drama productions in the South-west where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

As a result of coming on the course you will have:

- Enjoyed yourself!
- Developed your problem solving ability
- Developed interpersonal skills and the ability to explain the methods of your work
- Developed your mathematical and logical intelligence

Students should bring:

- Pencil, notepad

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 4/5/6 pupils – Wet and Wild

| Date of Course | Times | Venue | Cost | Max. places | Subject |
|-----------------------|-----------|---------------------------|------|-------------|---------------------|
| Thursday 26 July 2018 | 9am – 1pm | Braeside Education Centre | £25 | 12 | Outdoor Education E |

Canoeing/Kayaking/Stand-up paddle boarding

Course Details

A morning of fun multi-activity water sports activities centered around fun and skill development for young people who can swim (buoyancy aids and helmets are worn). The sessions allow pupils the chance to experience the thrill and challenges of several water based activities. These include a canoeing journey, kayaking and canoe games as well as a stand-up paddle boarding taster. Get ready to learn paddle sport skills! Please bring a full drink bottle, change of clothes/footwear, towel etc.–you will get wet!

Guidance criteria for identifying participants

- Pupils must be able to swim at least 12 metres.
- Pupils should be confident in new situations concerning water.
- Pupils must not be frightened to get wet and have a willingness to participate.

Course tutors

Keith Browning is the Head of Braeside Education Centre. Keith has a wide experience of expeditions in both lowland and mountainous areas and has the Walking Group Leader qualification. Keith believes that expeditions should be fun and interactive with the environment rather than a 'route march' and has worked in education for over 27 years. He regularly teaches natural sciences, particularly with horticultural links and has a wealth of experience in running social skills, team building and leadership workshops. He carried out research in social skills and learning away from home as part of a Master's Degree qualification in Education. He is a great advocate of practical education opportunities and 'learning by doing'; he is a BCU level 1 coach / Level 2 MIAS off road biking coach and first aider.

Yousaf Mirza is the Head of Education at Braeside Outdoor Education and Conference Centre. Yousaf has 23 years of experience working in education, including operating in the outdoor classroom, school teaching and managing in schools, and outdoor education centres. He is an experienced outdoor practitioner, an aspirant International Mountain Leader, Level 3 kayak coach, MIAS Level 3 Off-Road Biking Coach and an outdoor/environmental education leader/facilitator. Yousaf delivers high quality educational experiences and is passionate about the quality of the outdoor learning experiences as a way to engage, motivate and inspire people of all ages.

Josh Simons is an outdoor instructor at Braeside Education and Conference Centre. After completing a diploma in outdoor education, he has been involved in outdoor education and worked in many different outdoor centres for the last 9 years. Josh has recently started working at Braeside. He has a BCU Level 1 coach award, a Level 2 mountain bike instructor award, a single pitch award in climbing instruction, a qualified first aider and has various experience in instructing a wide range of activities.

As a result of coming on the course you will have:

- Had fun
- Improved paddling skills, technique and confidence on/in the water
- Learnt about water safety

What you will take away with you:

- A certificate of attendance
- Open canoe technique/skills
- Kayak technique/skills

Students should bring

- A change of clothing and shoes
- Clothes to get wet in
- Old trainers to get wet
- A windproof top/cagoule
- A bottle of drink for the day
- Glasses strap or cord (if applicable)

Refreshments are provided. School uniform is not required. No mobile phones.

This half-day session is running within our Summer Enrichment Programme. If pupils wish to book onto 'Green Wood Crafts' on the afternoon of Thursday 26 July, then they may remain at Braeside until 4.30pm and we ask that they please bring a packed lunch.

Year 4/5/6 pupils – Green Wood Crafts

| Course date | Times | Venue | Cost | Max. places | Subject |
|-----------------------|-----------------|---------------------------|------|-------------|---------------------|
| Thursday 26 July 2018 | 1.30pm – 4.30pm | Braeside Education Centre | £25 | 12 | Outdoor Education E |

Course details

An exciting new half-day course working outside with 'green wood' to make various items, some can even be taken home! The course will involve cutting, carving and drilling wood with various tools. We will learn about identifying trees and using their different woods for various purposes. You may make hurdle fences and kazoos/whistles, which you will be able to take away with you. You will practice teamwork skills and work individually to gather your own materials to work with.

Guidance criteria for identifying participants:

- Pupils should have an interest in the outdoors and using natural materials.
- Pupils should be happy to work outside in all weathers!
- Pupils should have the ability to work individually and in a team.
- Pupils should have an awareness of safety, especially to using tools and the importance of following instructions and should be trustworthy enough to use sharp tools responsibly (after training).

Course tutors

Keith Browning is the Head of Braeside Education Centre. Keith has a wide experience of expeditions in both lowland and mountainous areas and has the Walking Group Leader qualification. Keith believes that expeditions should be fun and interactive with the environment rather than a 'route march' and has worked in education for over 27 years. He regularly teaches bushcraft and natural sciences, particularly with horticultural links and has a wealth of experience in running social skills, team building and leadership workshops. He carried out research in social skills and learning away from home as part of a Masters Degree qualification in Education. He is a great advocate of practical education opportunities and 'learning by doing', he is a BCU level 1 coach / Level 2 MIAS off road biking coach and first aider.

Yousaf Mirza is the Head of Education at Braeside Outdoor Education and Conference Centre. Yousaf has over 23 years of experience teaching in the outdoor classroom and 15 years' experience teaching and managing in schools. He is an experienced summer mountain leader, Level 3 kayak coach and an outdoor/environmental education leader. Yousaf delivers high quality educational experiences and is passionate about the quality of the outdoor learning experiences as a way to engage, motivate and inspire people of all ages.

As a result of coming on the course you will:

- Learn to use simple hand tools including saws and small whittling knives.
- Create wooden items to take home.
- Learn to identify trees and their uses.

What you will take with you:

- New knowledge and thinking skills.
- Wooden items created by yourself.
- The ability to use tools safely.
- A certificate of attendance

Students should bring:

- Old clothes and waterproof coat
- Suitable footwear such as walking boots, old trainers or wellies

Refreshments are provided. School uniform is not required. No mobile phones. No Knives please.

This half-day session is running within our Summer Enrichment Programme. If pupils wish to book onto 'Wet and Wild' on the morning of Thursday 26 July, then they may remain at Braeside over lunchtime and we ask that they please bring a packed lunch.

Year 4/5/6 pupils – Young Local ‘Triathlon’

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|-----------------|---------------------------|------|-------------|----------------------------------|
| Monday 30 July 2018 | 9.30am – 4.30pm | Braeside Education Centre | £52 | 12 | P.E Outdoor Education E |

Course details

This is an active energetic day for any fit active pupils wanting to experience 3 active sports in a day – Run, Canoe and Bike. The overall ethos is one of participation and everyone completing the day rather than one winner. The day will start with warming up, then canoeing along the Kennet and Avon Canal, followed by running up Caen Hill. After a light lunch, and some stretching, there will be an off road biking session. A waterslide will be included if it is warm.

We will finish the day with stretching and snacks/drinks. Showers will be available!

Guidance criteria for identifying participants:

- You need to be fit
- You need to be fit (this is very important)
- Willing to persevere when tired
- Keen to help and encourage others

Course tutors

Keith Browning is the Head of Braeside Education Centre. Keith has a wide experience of expeditions in both lowland and mountainous areas and has the Walking Group Leader qualification. Keith believes that expeditions should be fun and interactive with the environment rather than a ‘route march’ and has worked in education for over 27 years. He regularly teaches natural sciences, particularly with horticultural links and has a wealth of experience in running social skills, team building and leadership workshops. He carried out research in social skills and learning away from home as part of a Master’s Degree qualification in Education. He is a great advocate of practical education opportunities and ‘learning by doing’; he is a BCU level 1 coach / Level 2 MIAS off road biking coach and first aider.

Yousaf Mirza is the Head of Education at Braeside Outdoor Education and Conference Centre. Yousaf has 23 years of experience working in education, including operating in the outdoor classroom, school teaching and managing in schools, and outdoor education centres. He is an experienced outdoor practitioner, an aspirant International Mountain Leader, Level 3 kayak coach, MIAS Level 3 Off-Road Biking Coach and an outdoor/environmental education leader/facilitator. Yousaf delivers high quality educational experiences and is passionate about the quality of the outdoor learning experiences as a way to engage, motivate and inspire people of all ages.

Josh Simons is an outdoor instructor at Braeside Education and Conference Centre. After completing a diploma in outdoor education, he has been involved in outdoor education and worked in many different outdoor centres for the last 9 years. Josh has recently started working at Braeside. He has a BCU Level 1 coach award, a Level 2 mountain bike instructor award, a single pitch award in climbing instruction, a qualified first aider and has various experience in instructing a wide range of activities.

Students should bring:

- Sports clothing including shorts and leggings/jogging bottoms/trousers.
- A fleece top to help keep you warm.
- A light waterproof.
- Footwear for running/canoeing/biking.
- A change of clothes and towel.
- Swimming costume for the waterslide.

Lunch and refreshments are provided.

No mobile phones.

Year 4/5/6 pupils – Half Day Off-Road Biking

| Date of course | Times | Venue | Cost | Max. places | Subject |
|----------------------|------------|---------------------------|------|-------------|---------------------|
| Tuesday 31 July 2018 | 9am – 12pm | Braeside Education Centre | £25 | 10 | Outdoor Education E |

Course details

Do you enjoy riding your bike?

Would you like to have fun with others?

You will learn new skills (or improve the ones you already have); gear changing, braking, front wheel lifting, clearing obstacles/jumping, falling off and possibly show others how to do the same!

Learn and practice looking after your bike, and checking the bike is safe to ride. Clean and oil your bike after a ride.

Best of all you get a certificate to prove that you are skilful enough to do it.

This is a very practical based course - most of the time will be spent riding and doing bike related activities outside.

At least 2 MIAS qualified staff will lead activities, other staff will provide backup/support including having a vehicle nearby. Several staff are first aiders. Off road biking is a potentially dangerous activity, all aspects have been risk assessed and reasonable care is taken, but please be aware that no guarantee can be given that injury will not occur.

Guidance criteria for identifying participants:

- Able to ride a bike and want to learn more about riding **off road**
- Fit enough to ride for several hours in the day
- Enjoy off road biking

Course tutor

Keith Browning is the Head of Braeside Education Centre. Keith has a wide experience of expeditions in both lowland and mountainous areas and has the Walking Group Leader qualification. He has MIAS Level 3 (Off road biking) and is a canoe England level 1 coach. He also regularly represents Braeside at the Bush craft Special Interest Group (IOL)

Keith believes that expeditions should be fun and interactive with the environment rather than a 'route march' and has worked in education for over 28 years. He regularly teaches natural sciences, particularly with horticultural links and has a wealth of experience in running social skills, team building and leadership workshops. He carried out research in social skills and learning away from home as part of a Masters Degree qualification in Education. He is a great advocate of practical education opportunities and 'learning by doing'.

What you will take away with you:

- A certificate of attendance
- Increased knowledge of riding off road and bike care

Students should bring:

- Bring your own bike, or use centre one
Please let Braeside know if you wish to use a centre bike.
- Helmet, gloves, clear glasses (available from Braeside if necessary)
- Cycling clothing to get muddy/wet
- Changes of clothes and a towel. (showers will be available)

Refreshments are provided.

Uniform is not required.

No mobile phones.

This half-day session is running within our Summer Enrichment Programme. If pupils wish to book onto 'High Flyers' on the afternoon of Tuesday 31 July, then they may remain at Braeside until 4pm and we ask that they please bring a packed lunch.

Year 4/5/6 pupils – High Flyers

| Date of course | Times | Venue | Cost | Max. places | Subject |
|----------------------|-----------|---------------------------|------|-------------|---------------------|
| Tuesday 31 July 2018 | 1pm – 4pm | Braeside Education Centre | £25 | 16 | Outdoor Education E |

Course details

A fun and exciting half day course with the opportunity to use and explore Braeside's High Ropes course and Climbing Wall!

Using various elements, involving climbing and working together, the group will face challenges and make their own choices. This course will involve teamwork, with some challenges being more individual. All personal safety equipment will be supplied, including helmets.

Come and experience having fun at height, but with the safety of a harness!

Guidance criteria for identifying participants:

- Pupils should expect to work with other participants in a team.
- Pupils should have confident working off the ground.
- Pupils should be happy to work outside in all weathers!
- Pupils should have the ability to focus on a task over a period of time.
- A policy of 'challenge by choice' is operated, so participants choose how high they go.

Course tutors

Keith Browning is the Head of Braeside Education Centre. Keith has a wide experience of expeditions in both lowland and mountainous areas and has the Walking Group Leader qualification. Keith believes that expeditions should be fun and interactive with the environment rather than a 'route march' and has worked in education for over 27 years. He regularly teaches natural sciences, particularly with horticultural links and has a wealth of experience in running social skills, team building and leadership workshops. He carried out research in social skills and learning away from home as part of a Masters Degree qualification in Education. He is a great advocate of practical education opportunities and 'learning by doing', he is a BCU level 1 coach / Level 2 MIAS off road biking coach and first aider.

Yousaf Mirza is the Head of Education at Braeside Outdoor Education and Conference Centre. Yousaf has over 23 years of experience teaching in the outdoor classroom and 15 years' experience teaching and managing in schools. He is an experienced summer mountain leader, Level 3 kayak coach and an outdoor/environmental education leader. Yousaf delivers high quality educational experiences and is passionate about the quality of the outdoor learning experiences as a way to engage, motivate and inspire people of all ages.

Josh Simons is an outdoor instructor at Braeside Education and Conference Centre. After completing a diploma in outdoor education, he has been involved in outdoor education and worked in many different outdoor centres for the last 9 years. Josh has recently started working at Braeside. He has a BCU Level 1 coach award, a Level 2 mountain bike instructor award, a single pitch award in climbing instruction, a qualified first aider and has various experience in instructing a wide range of activities.

As a result of coming on the course you will have:

- Worked off the ground
- Contributed to solving problems at height
- Have gained confidence
- Have worked in a team

What you will take away with you

- A certificate of attendance
- A sense of achievement

Students should bring

- Trainers or walking boots for climbing in
- Waterproof top/coat & sun cream /sunhat
- Long trousers
- Long sleeved shirt/ sweatshirt

No jewellery or dangling rope or cords. Refreshments are provided. No school uniform is required. No mobile phones. This half-day session is running within our Summer Enrichment Programme. If pupils wish to book onto 'Half Day Off-Road Biking' on the morning of Tuesday 31 July, then they may remain at Braeside over lunchtime and we ask that they please bring a packed lunch.

Year 5 pupils – Apprentice Story Writers

| Date of course | Times | Venue | Cost | Max. places | Subject |
|-------------------------|-----------------|---------------------------|------|-------------|---------------|
| Wednesday 25 April 2018 | 9.30am – 3.30pm | Braeside Education Centre | £55 | 18 | Literacy AGAT |

Course details

This is a creative, practical day in which young writers can enjoy the freedom to explore their own ideas and experiences. Steve Voake will share examples of his work, as a writer and encourage participants to begin weaving their own ideas into stories using a variety of techniques.

As a result of coming on the course you will have:

- Written about a personal experience
- Shared your work with others
- Been given advice on story writing from a published author
- Learned various techniques to improve your story writing
- Discussed the importance of conflict in a story
- Looked at a variety of 'Story paths'
- Begun work on your own story
- Been inspired to write even more...!
- A certificate of attendance

Guidance criteria for identifying participants:

- Pupils should enjoy writing for pleasure
- Pupils should have a natural flair for creative writing
- Pupils should be willing to discuss their thoughts and ideas with others

Course tutor

Steve Voake is the author of many books for young people including 'The Dreamwalker's Child', 'The Web of Fire', 'The Starlight Conspiracy', 'Blood Hunters' (Faber & Faber) as well as the 'Daisy Dawson' series and the 'Hoey Higgins' series for younger readers.(Walker Books) Steve is also Senior Lecturer in Creative Writing at Bath Spa University. Before becoming a writer, Steve was Head teacher of a primary school in Somerset and taught in primary schools for twenty years.

Students should bring:

- A notebook or notepad and pen

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – ‘Take a Closer Look’; Microscopes

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|-----------------|---------------------------|------|-------------|--------------|
| Tuesday 22 May 2018 | 9.30am – 3.30pm | Braeside Education Centre | £55 | 16 | Science AGAT |

Course details

Exploring our World through microscopes enables us to transform the everyday into the extra ordinary. The excitement of seeing a ...poppy seed turn into a distant planet... or pond water become a teeming biological soup... is captivating; stimulating our creativity as much as it expands our science. The course enables children to develop their experiences and thinking as scientists by using microscopes to develop their skills and understanding. Through the science of microscopy their view of the world will never be the same!

Guidance criteria for identifying participants

- Should have enquiring minds and a desire to explore.
- Should enjoy science and question their surroundings and experiences.
- Should be able to work independently, and in groups, developing their ideas.

Course tutor

Peter Sainsbury has taught both KS1 and KS2 in a variety of Middle and Primary schools. Throughout his thirty years in education, including two Deputy Headships and two Acting Headships, he has been able to pursue his interests in science and classroom practice. In 2012 he was delighted to receive the National Primary Teaching Award from the Institute of Physics (IOP). A Fellow of the Primary Science Teaching College, Peter has expanded his science outreach nationally and is currently working at Winterbourne Earls C of E Primary School, Salisbury and for the College. As an elected member of the Royal Microscopical Society (RMS) he has developed this course to share his enthusiasm for microscopes and help children discover the wonders that they bring.

As a result of coming on the course you will have:

- Have been entrusted with a wonderful scientific instrument (and probably want to buy your own!)
- See things in a different way and want to find out even more.
- Be enthused by the world that exists beyond the reach of our naked eye.

You will also:

- Understand the impact of microscopy, how microscopes work and know about some of the significant scientists who have developed this field.
- Be trained in the use of microscopes and, if you meet the criteria, receive a certificate (based upon the work of the RMS).

Students should bring:

Students will not be required to bring any specific materials or resources with them, although basic pencil case equipment may be helpful.

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Graphic Novels

| Date of Course | Times | Venue | Cost | Max. places | Subject |
|----------------------|-----------------|---------------------------|------|-------------|---------------|
| Thursday 7 June 2018 | 9.30am – 3.30pm | Braeside Education Centre | £55 | 18 | Literacy AGAT |

Course details

Graphic novels are a popular and entertaining form of literature which mix drawing and design with carefully crafted text into a structured whole. The mix of illustration and text supports the use of precise vocabulary and imaginative story structure. Pupils will get the chance to explore a range of graphic novels and design and produce their own short version of a well-known story or of an original creation of their own.

Guidance criteria for identifying participants:

- Pupils should enjoy writing for pleasure
- Pupils should be confident drawing and designing pictures
- Pupils should be willing to discuss their thoughts and ideas
- Pupils work freely, confidently, together and independently

Course tutor

Sue Roles has over twenty years teaching experience in both primary and secondary phases. In addition, her role as Wiltshire English Adviser led her to work with many of the county's school, particularly on writing and reading for pleasure. She loves working with children and young people and listening to their ideas and thoughts about what they are writing and reading.

As a result of coming on the course you will have:

- Produced your own graphic novel.
- Extended your knowledge of writing for specific purposes & audiences.
- A certificate of attendance.

What you will take away with you:

- Your finished graphic novel.
- An enthusiasm to widen your reading repertoire.

Students should bring:

- Writing equipment
- Drawing equipment

Lunch and refreshments are provided.
School uniform is not required.
No mobile phones.

Years 5/6 pupils – Water Water Everywhere (but not a drop to drink!)

| Date of course | Times | Venue | Cost | Max. places | Subject |
|-----------------------|-----------------|---------------------------|------|-------------|--------------|
| Thursday 14 June 2018 | 9.30am – 3.30pm | Braeside Education Centre | £45 | 15 | Science AGAT |

When we get thirsty we can get water from a tap or use already bottled water. How can other people who are not so fortunate get safe drinking water or how could you make 'dirty water' safe to drink if you didn't have drinking water?

Course details

Young scientists will be using 'hands on' practical experiments to explore different methods of purifying water 'making it safe to drink' using simple equipment, nature and some chemistry. We will be making filters, boiling water (with fire) and using some plants on site to help us achieve our aim. We will be using key words such as transpiration, evaporation, distillation, condensation, precipitation and maybe regelation! You will have the chance to evaluate the different methods of purifying 'dirty water' and draw conclusions from the experiments you will have investigated throughout the day.

Guidance criteria for identifying participants:

- Pupils should have an interest in scientific investigation.
- Pupils must want to share both the academic and practical challenges of the course.
- Pupils will need to be comfortable working in the outdoors, both individually and in small groups.

Course tutor

Robin Townhill, after qualifying as a teacher through Bristol University in 1967, has spent 30 years in mainstream education before becoming an independent trainer in 1997. For the last 26 years he has been running adventurous activities, leadership training and management development courses for a wide range of people. Expeditions have included the majority of mountainous areas in this country plus India and the Himalayas in Nepal. Currently he is working with children who have Dyslexia and Aspergers Syndrome as well as running a wide range of adventurous activities.

As a result of coming on the course you will have:

- Gained some understanding of making water safe to drink
- Gained confidence in practical work outdoors.
- Enjoyed yourself and made friends

What you will take away with you:

- New ideas and knowledge of hazards of drinking 'untreated water'
- A sense of positive achievement.
- A certificate of attendance.

Students should bring:

- Own packed lunch, as lunch is not provided
- Waterproof coat and warm clothing and old clothes (hats and gloves if required)
- Stout walking boots/wellington boots or old trainers
- Full water bottle to drink and one empty baked bean sized tin.

Refreshments, but no lunch is provided. School uniform is not required. No mobile phones.

Year 5/6 pupils – ‘Globe-trotter Maths’

| Date of course | Times | Venue | Cost | Max. places | Subject |
|-----------------------|-----------------|---------------------------|------|-------------|---------------|
| Saturday 16 June 2018 | 9.30am – 3.30pm | Braeside Education Centre | £55 | 18 | Numeracy AGAT |

Course details

Pack your bag ready for a mathematical adventure! The pupils will experience a variety of learning activities to explore mathematics around the world and challenge their thinking. They will look at a variety of problems as well as learn about mathematicians from different countries. Children will work independently as well as working in groups to solve puzzles.

Guidance criteria for identifying participants:

- Enjoyment of mathematics
- Good mathematicians
- An ability to work in groups and independently
- Show a curiosity of the world around them
- An ability to explain their problem-solving skills and record their methods.

Course tutor

Hannah Crook is a primary school teacher in Salisbury with a particular interest and enthusiasm for mathematics. She is keen for children broaden and apply their mathematical skills in a variety of situations where they are challenged and need to do some ‘deep-sea’ thinking. Hannah completed the MaST (Mathematics Specialist Teaching Programme) with the University of Winchester and she has a MA in Learning and Knowledge Technology from Bath Spa University.

As a result of coming on the course you will have:

- Enjoyed yourself!
- Enriched your knowledge of mathematics
- Developed your problems solving skills
- Developed your ability to explain methods and strategies used

What you will take away with you:

- New knowledge and methods of thinking
- Certificate of attendance

Students should bring:

- Pen/pencil
- Notepad
- Water bottle

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Active First Aid

| Date of Course | Times | Venue | Cost | Max. Places | Subject |
|---------------------|--------------------|------------------------------|------|-------------|----------------|
| Monday 18 June 2018 | 9.30am – 3.30pm | Braeside Education Centre | £55 | 16 | First Aid E |

Course details

Would you like to have the skills and confidence to be able to deal with someone who has become ill or has injured themselves? If you would, then this is the course for you!

You will be taught basic life support skills in various first aid scenarios.

You will be able to deal with someone who is unconscious and breathing, not breathing (adults and children), choking casualties, wounds, burns, fractures, sprains and strains.

This course will be active and practical, with pupils being able to act out and put into practice what they have learnt.

Guidance criteria for identifying participants:

- Participants should have an enquiring mind and an interest in helping other people.
- Participants should be able to get down onto the floor, perform resuscitation on manikins, as well as place other pupils into the recovery position.
- Participants should be able to work in groups, pairs and independently.

Course tutor

Dave Clegg is the co-director of Wiltshire First Aid Training with twenty years' experience of delivering a variety of courses including first aid. He has extensive knowledge and experience of first aid in a variety of environments including outdoors, schools, early years and workplace settings. He is a dynamic trainer that keeps the learner engaged throughout. He is also an ex-soldier and retired police officer.

As a result of coming on the course you will have:

- An understanding, increased knowledge and confidence to deal with a range of first aid scenarios.
- A first aid manual
- A certificate of attendance

Students should bring:

- Wear suitable clothing for activities outdoors
- Note book and pen

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Years 5 pupils – Natural Maths

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------|--------------------|------------------------------|------|-------------|------------------|
| Friday 22 June 2018 | 9.30am – 3.30pm | Braeside Education Centre | £55 | 16 | Numeracy AGAT |

Course details

Enjoy the natural environment, whilst using and developing your mathematical skills in context. You will study trees, record observations and make calculations in a practical setting. Students will have opportunities to explore maps, bearings and coordinates, whilst solving problems in a group. There will be a variety of tasks, based chiefly outdoors using maths to interpret data and draw conclusions. You will need good mathematical, communication and recording skills and should have an interest in natural science to join this course.

Guidance criteria for identifying participants:

- Pupils should be outgoing and confident
- Pupils should demonstrate ability in mathematical or scientific approaches and have a wider interest in the environment.
- It is essential participants have the maturity to work with unfamiliar adults and children in new surroundings.

Course tutor

Claire Johnson has over twenty years primary teaching and management experience in schools across the country. She has led courses for gifted and talented pupils in the areas of maths, science, literacy and drama. Regularly contributing to community drama productions in the south-west, Claire has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background have given her a passion for appreciating the links that can be made across academic disciplines and encouraging a pupils own natural spirit of enquiry.

As a result of coming on the course you will have:

- A broader understanding of the natural world and how people relate to it
- Learnt strategies for making abstract calculations based on first hand data collection
- Measured and collated information from the natural environment
- Communicated with others
- A certificate of attendance

What you will take away with you:

- New knowledge and skills
- A sense of positive achievement

Students should bring:

- Sensible study clothes/shoes for outdoor classes
- Drinks bottle for water

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Years 5/6 pupils – Wacky Races

| Date of course | Times | Venue | Cost | Max. places | Subject |
|---------------------------------------|---|------------------------------|------|-------------|-----------------|
| Saturday 30 June and Sunday 1 July | 10am – 5pm Saturday 10am – 3.30pm Sunday | Braeside Education Centre | £110 | 16 | Science AGAT |

Course details

Formula 1 racing meets the classroom on this action-packed and educational course. OK.....let's be honest for a moment.....you are going to have a great time playing with Scalextric, but at the same time conducting a high-level exploration into maths, physics and ICT. Your first challenge will be to plan a Scalextric layout, working in a small group. How do you ensure that the racing lanes are of equal length? The cars are 1/32 scale, but how fast would they be travelling if they were full size? How do you keep the cars on the track – is it driving skill or physics? The various groups' track designs will be put to the vote and the winning layout built in readiness for an evening of qualifying racing on Saturday. The latter part of the course concentrates on the new Scalextric Digital format which allows six cars to race simultaneously using state-of-the-art electronics. We will explore how the track and cars form a computer network and communicate with each other using binary data. A Presentation to Parents at the end of the course at 4pm will provide the opportunity for you to explain the technology you have discovered.

Guidance criteria for identifying participants:

- Pupils should have an interest in physics and an enquiring mind.
- Pupils will need to be able to work confidently, both individually and in small groups.
- Pupils must show the aptitude to translate theory into a practical application.
- Pupils must want to share the academic and practical challenges of the course – and the fun!

Course tutor

Adrian Dening has over thirty years' experience in delivering science courses for Able, Gifted and Talented students. He offers a wide range of topics exploring electronics, ICT, space science and even spying! He is a keen Amateur Radio enthusiast and astronomer. Adrian is an Approved Driving Instructor and member of the Chartered Institute of Personnel and Development. His G&T courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. All courses include the assessment of written work and note-taking, providing the basis of feedback to parents. The courses involve a mix of individual and group activities and students are actively encouraged to explore different learning styles, take responsibility for their own time management and think "outside the box". A full portfolio of Adrian's courses is available at <http://www.AdrianDening.com>

As a result of attending the course you will have:

- A greater understanding of physics and ICT.
- Become familiar with different numbering systems such as binary and hexadecimal.
- Worked successfully in a group with your peers, experiencing leadership and negotiation skills.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students will not be required to bring any specific materials with them.

Lunch and refreshments will be provided.

No mobile phones.

Year 5/6 pupils – Marooned on an Island

| Date of course | Times | Venue | Cost | Max. places | Subject |
|-------------------------------------|--|---------------------------|------|-------------|---------------------|
| Friday 20 and Saturday 21 July 2018 | 9.30am – 9.00pm Friday or 10.00am Saturday | Braeside Education Centre | £55 | 16 | Outdoor Education E |

Course details

An exciting day spent marooned on 'Braeside Island'!

Pupils are given the opportunity to learn practical skills on how to survive in the wilderness!

You will be taught how to forage for food, learn how to make various useful tools such as a wooden mallet and rope made from plants, as well as how to make a shelter to be able to sleep in. You will work as a team to collect wood, build and make a fire (a fire is one of your main essentials to survive!). You will then use your camp fire to cook your own evening meal. There will be plenty of resources and equipment to help you.

We will conclude the evening around a group campfire for songs, games and hot chocolate!

If you wish you can sleep outside, in your shelter that you have constructed, and be collected after breakfast the next day. (indoor accommodation is available)

Guidance criteria for identifying participants:

- Pupils should be talented in a practical way and able to use tools and equipment
- Pupils should not be afraid to interact with the natural environment.
- Pupils should have the ability to work individually and in small groups
- Pupils should be able to assimilate information quickly then think creatively and act on it.
- Pupils should be trustworthy enough to use sharpened edged tools, with training and supervision

Course tutors

Keith Browning is the Head of Braeside Education Centre. Keith has a wide experience of expeditions in both lowland and mountainous areas and has the Walking Group Leader qualification. Keith believes that expeditions should be fun and interactive with the environment rather than a 'route march' and has worked in education for over 27 years. He regularly teaches natural sciences, particularly with horticultural links and has a wealth of experience in running social skills, team building and leadership workshops. He carried out research in social skills and learning away from home as part of a Masters Degree qualification in Education. He is a great advocate of practical education opportunities and 'learning by doing', he is a BCU level 1 coach / Level 2 MIAS off road biking coach and first aider.

Rob Townhill After qualifying as a teacher through Bristol University in 1967, Robin spent 30 years in mainstream education before becoming an independent trainer in 1997. For the last 27 years he has been running adventurous activities, leadership training and management development courses for a wide range of people. Expeditions have included the majority of mountainous areas in this country plus India and the Himalayas in Nepal. Currently he is working with children who have Dyslexia and Aspergers Syndrome as well as running a wide range of adventurous activities.

As a result of coming on the course you will have:

- Had fun in the outdoors
- Learnt how to safely use a range of tools
- Learnt how to make a weatherproof shelter
- Learnt how to prepare and make a fire for cooking

Students should bring:

- Outdoor clothes
- Waterproof coat
- Plate, cup, mug, knife, fork, spoon
- Torch
- Sun cream
- Two old baked bean tins

If you wish to stay overnight, please bring:

- Sleeping bag
- Sleeping mat
- Overnight toiletries and clothing
- Towel

Please note mobile phones are not permitted. All food and refreshments are provided.

Tutors – Spring/Summer 2018

Adrian Dening has over thirty years' experience in delivering science courses for Able, Gifted and Talented students. He offers a wide range of topics exploring electronics, ICT, space science and even spying! He is a keen Amateur Radio enthusiast and astronomer. Adrian is an Approved Driving Instructor and member of the Chartered Institute of Personnel and Development. His G and T courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. All courses include the assessment of written work and note-taking, providing the basis of feedback to parents. The courses involve a mix of individual and group activities and students are actively encouraged to explore different learning styles, take responsibility for their own time management and think "outside the box". A full portfolio of Adrian's courses is available at www.AdrianDening.com

Claire Johnson has over twenty years' primary teaching and management experience in schools across the country. She has particular experience leading courses for gifted and talented pupils in the areas of language, science, drama and mathematics. She regularly contributes to community drama productions in the South-west, where she lives and has received awards for both facilitating primary-age multi-media productions and for her personal stage performances. Her personal interest in the arts, combined with her scientific background, give her a passion for appreciating the links that can be made across academic disciplines.

Ian Leak has extensive experience in schools across the south-west. He has particular expertise in the Primary sector and runs courses for gifted and talented pupils in the areas of literacy and drama. He has his own weekly radio show in Somerset and has is involved in community projects linked to media and music. Ian is particularly interested in developing a focus for young children to use their skills in context.

Robert Cunningham graduated from the University of Plymouth with a BEd honours degree. He then worked as the president of the student union before becoming a primary school teacher. Having had experience in both KS1 and KS2, Rob is now a Deputy Head in a large outstanding primary teaching school. He leads science and technology and has responsibility for this area across the Multi Academy Trust. Rob has a strong belief in children thinking and learning for themselves and making decisions that are going to be beneficial to their future. He believes that learning is most powerful when the ideas have been child initiated and that science offers the opportunity for children to acquire and develop these skills.

Sue Roles has over twenty years teaching experience in both primary and secondary phases. In addition, her role as Wiltshire English Adviser led her to work with many of the county's school, particularly on writing and reading for pleasure. She loves working with children and young people and listening to their ideas and thoughts about what they are writing and reading.

Rob Townhill, a qualified teacher of many years both in mainstream and private education. A person with a wide breadth of knowledge of working in the outdoors, running adventurous activities as well as survival and Bush craft training. Currently he is teaching open network college courses for Bush craft to a wide range of students and adults.

Steve Voake is the author of many books for young people including 'The Dream walker's Child', 'The Web of Fire', 'The Starlight Conspiracy', 'Blood Hunters' (Faber and Faber) as well as the 'Daisy Dawson' series and the 'Hooey Higgins' series for younger readers (Walker Books). Steve is also Senior Lecturer in Creative Writing at Bath Spa University. Before becoming a writer, Steve was Head teacher of a primary school in Somerset and taught in primary schools for twenty years.

Dave Borrie is a retired Wiltshire Primary Headteacher. Over the years he took training in the use of drama, storytelling and first-hand experiences as a means of inspiring children to produce quality writing and poetry. He has always endeavoured to inspire children to enjoy being learners and to develop creativity in their work. After retiring he was invited to be the keynote speaker at the Primary Science Teaching Trust's annual conference in Bristol, giving a lecture about the importance of creativity in education. He has continued his contact with children through working at Devizes Museum as a volunteer, using storytelling and drama to help children understand Neolithic life. He still believes learning should be fun!

Hannah Crook is a primary school teacher in Salisbury with a particular interest and enthusiasm for mathematics. She is keen for children broaden and apply their mathematical skills in a variety of situations where they are challenged and need to do some 'deep-sea' thinking. Hannah completed the MaST (Mathematics Specialist Teaching Programme) with the University of Winchester and she has a MA in Learning and Knowledge Technology from Bath Spa University.

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Keith believes that expeditions should be fun and interactive with the environment rather than a 'route march' and has worked in education for over 28 years. He regularly teaches natural sciences, particularly with horticultural links and has a wealth of experience in running social skills, team building and leadership workshops. He carried out research in social skills and learning away from home as part of a Masters Degree qualification in Education. He is a great advocate of practical education opportunities and 'learning by doing'

Yousaf Mirza is the Head of Education at Braeside Education and Conference Centre. Yousaf has 23 years of experience working in education, including operating in the outdoor classroom, school teaching and managing in schools, and outdoor education centres. He is an experienced outdoor practitioner, an aspirant International Mountain Leader, Level 3 kayak coach, MIAS Level 3 Off-Road Biking Coach and an outdoor/environmental education leader/facilitator. Yousaf delivers high quality educational experiences and is passionate about the quality of the outdoor learning experiences as a way to engage, motivate and inspire people of all ages.

Josh Simons is an outdoor instructor at Braeside Education and Conference Centre. After completing a diploma in outdoor education, he has been involved in outdoor education and worked in many different outdoor centres for the last 9 years. Josh has recently started working at Braeside. He has a BCU Level 1 coach award, a Level 2 mountain bike instructor award, a single pitch award in climbing instruction, a qualified first aider and has various experience in instructing a wide range of activities.

Dave Clegg is the co-director of Wiltshire First Aid Training with twenty years' experience of delivering a variety of courses including first aid. He has extensive knowledge and experience of first aid in a variety of environments including outdoors, schools, early years and workplace settings. He is a dynamic trainer that keeps the learner engaged throughout. He is also an ex-soldier and retired police officer.

Directions to Braeside Education and Conference Centre

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