



Braeside Education
Centre

Spring/Summer 2024

Primary School Years 2 - 6

Able, Gifted, Talented and Enrichment courses for schools

Website applicants will need to be given this booklet's reference code
(case sensitive), in order to book.



**Braeside Education
Centre**

Wiltshire Schools

Able, Gifted, Talented and Enrichment Courses

Spring/Summer 2024

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.



Contents	Page(s)
1. Schedule of courses – a table of courses advertised for Spring/Summer 2024	3 - 4
2. Introduction to the courses – what the courses aim to achieve. Supervision stay information - Parents/carers should be made aware of these details prior to application	5
3. Further details – Parents/carers should be made aware of these details prior to application	6
4. Application procedure checklist – Parents should be made aware of and involved with the completion of this checklist	7
5. Course application form – a two-page form which can be photocopied by schools to give to parents (alternatively parents/schools can book online)	8- 9
6. Course details – these can be photocopied and issued to parents/carers with the application form. Copies and all course information can also be found on our website	10 - 31
7. Directions – A map and sat nav postcode	32

Schedule of Courses

AGTE Spring/Summer 2024 courses for primary school years 2 – 6

Years 2, 3 & 4

Year	Course Title	Subject	Tutor(s)	Date	Time	Max. pupils	Cost including VAT	AGAT or E	Page
2/3	'Mystical Eggstravaganza' Creative Writing	Literacy	Louise Lawrence	Friday 19 th April	9.30am - 3.00pm	16	£60	AGAT	
2/3	Mini Maths Mania	Numeracy	Louise Lawrence	Thursday 6 th June	9.30am - 3.00pm	16	£60	AGAT	
2/3	Super Mario Maths; Save Luigi!	Numeracy	Elizabeth Davies	Saturday 29 th June	9.30am - 3.30pm	16	£60	AGAT	
2/3	Create A Story Character	Literacy	Louise Lawrence	Thursday 4 th July	9.30am - 3.00pm	16	£60	AGAT	
3/4	'Dream BIG!' Creative Writing	Literacy	Louise Lawrence	Monday 29 th April	9.30am - 3.00pm	16	£60	AGAT	
3/4	Matchstick Maths	Numeracy	Louise Lawrence	Friday 3 rd May	9.30am - 3.00pm	16	£60	AGAT	
3/4	Aviation Aces	Science	Adrian Denning	Tuesday 7 th May	9.30am - 3.00pm	16	£60	AGAT	
3/4	Spies and Secret Agents	Science	Adrian Denning	Wednesday 8 th May	9.30am - 3.00pm	16	£60	AGAT	
3/4	Gravity and Gunpowder	Science	Adrian Denning	Monday 10 th June	9.30am - 3.30pm	16	£60	AGAT	
3/4	Braeside Academy of Magic	Literacy Art	Louise Lawrence	Thursday 20 th June	9.30am - 3.00pm	16	£60	AGAT	
3/4	Write a Stunning Illustrated Story	Literacy	Louise Lawrence	Tuesday 25 th June	9.30am - 3.00pm	16	£60	AGAT	
3/4	Rocket Balloons, Bubbles, Drops and Helicopters	Science	Rob Cunningham	Saturday 13 th July	9.15am - 3.15pm	16	£60	AGAT	

Years 5 & 6

Year	Course Title	Subject	Tutor(s)	Date	Time	Max. pupils	Cost including VAT	AGAT or E	Page
5/6	Write your own Adventure	Literacy	Elen Caldecott	Thursday 25 th April	9.30am - 3.30pm	16	£60	AGAT	
5/6	Heroes and Monsters	Literacy	Elen Caldecott	Thursday 23 rd May	9.30am - 3.30pm	16	£60	AGAT	
5/6	Rocket Scientists	Science	Adrain Denning	Tuesday 11 th June	9.30am - 3.30pm	16	£60	AGAT	
5/6	Super Sleuths and Daring Detectives	Literacy	Elen Caldecott	Thursday 13 th June	9.30am - 3.30pm	16	£60	AGAT	
5/6	Lego Spike Robotics Challenge	Science	John Trickett	Friday 21 st June	9.30am - 4.30pm	16	£60	AGAT	
5/6	'Take a closer look;' Microscopes	Science	Peter Sainsbury	Wednesday 26 th June	9.30am - 3.30pm	16	£60	AGAT	
5/6	Time Detectives: An Authentic Introduction to Archaeology and Ancient human Skeletal Remains	History Science	Helen Webb	Friday 28 th June	9.30am - 3.30pm	16	£60	AGAT	
5/6	Globe-trotter Maths	Numeracy	Hannah Crook	Saturday 29 th June	9.45am - 3.45pm	18	£60	AGAT	
5/6	Digital Illustration; Summer Scenes	ICT/Art	Oliver Daltry	Saturday 13 th July	9.30am - 3.30pm	12	£60	AGAT E	
5/6	Maths All Around	Numeracy	Hannah Crook	Saturday 13 th July	9.00am - 3.00pm	18	£60	AGAT	

Introduction to the courses

These courses follow on from successful courses run in previous years and offer further opportunities from April 2024 – July 2024

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.

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.
- 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.

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 do not have to be on the 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 Braeside on 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**.
 - 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.
- 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').

Braeside Education Centre is a trading name of Braeside House Ltd.

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.
- 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 or are directed to our website to book.
- Parents/carers/schools can book by either;
 - **Completing our online application form on our website www.braeside-education.co.uk**
 - Website applicants will need to be given this booklets reference code (**case sensitive**).
Course places cannot be booked without this code.
This code replaces the teacher's endorsement at the bottom of paper applications. Schools should only give this code out to pupils who are eligible to apply.
 - Sending paper application forms to the following address:
 AGTE Coordinator
 Braeside Education Centre
 Bath Road
 Devizes
 SN10 2AP
- **Online Applications**
 Payment for courses can be made on our **website with a card payment** for online applications
Paper Applications
 Card, BACS transfer or cash for paper applications.
Payments by cash - must be included with the application form.
Payments by Card / BACS transfer – If a child has been allocated a space, we will send parents/carers an email with details on how to pay.
 They will then have 7 days to pay. (Please note if we do not receive contact within 7 days of confirmation being sent, we cannot guarantee their child's space)
We no longer accept payments by cheque.
- Parents/carers will be notified by an e-mail or telephone call if their child has been allocated a place.
- 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 do get lost.)
- Unsuccessful applicants will be refunded, but a reserve list will be kept in case 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.
 All pupils are given a course summary sheet which notes areas covered in the course and suggested further areas of study. Course summaries can be sent to your school, on request.

OFFICE USE ONLY	
Date Received:	
REF:	
PAYMENT:	

Course application form

- page one of two

Please only use this form if you cannot book online via our website.

Please ensure you have read 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 notifications will be sent from Braeside by email for all successful applications.

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

If applying for more than one course at a time, please use a separate application and payment for each course.

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	
Cash	<input type="checkbox"/>
Card / BACS Transfer	<input type="checkbox"/>

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

Payments via Card or Internet Banking (BACS Transfer) Details will be supplied when your child is offered a place.

We will send you a confirmation email if your child has been allocated a space.

You will then have 7 days to pay.

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

We no longer accept
Cheque payments.

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:	
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IMPORTANT: This form must be completed and returned to Braeside before the start of the course.

Name of participant's doctor		Surgery Tel. No.	
Surgery address			
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 including social media, 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 for conference purposes.

Name: _____

Signed: _____ Date: _____

Please send application forms to: **AGTE Co-ordinator, Braeside Education Centre, Bath Road, Devizes, SN10 2AP**. Please note that places cannot be reserved by phone/email, although enquiries can be made regarding availability. It is not expected parents/carers remain on site. Access to the house will only be available 5 minutes prior to the end of the course for collection.

Privacy Policy - What will Braeside Education Centre do with your data?

It's simple. We need the information that you share with us to enable us to run our exciting activities, programmes, and courses with your child and to satisfy our legal responsibilities. We will keep the data safe for as long as your child is participating in our courses and in accordance with data retention rules. We promise that we will only share your information outside of Braeside Education Centre if you ask us to, the law requires us to do so, in order to comply with our policies so that your child can enjoy an activity safely that either we deliver, or an approved/contracted provider delivers, or it's in the public interest. Don't worry - we will never sell your data or share it for any other reason. Braeside Education Centre is the data controller meaning that we are the organisation that manages and looks after your data.

This is a summary of the Privacy Policy. If you would like to find out more about how we use your information and your rights, please view the full Privacy Policy on our website. Visit – <http://www.braeside-education.co.uk/data-protection-notices.html>

Year 2/3 pupils – ‘Mystical Eggstravaganza’ Creative Writing

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 19 th April 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

Did you see that? There is something beautiful over there, glinting in the sunshine and almost hidden by the long grass!

What is it and how did it get there?

Perhaps we should take a closer look... Wait; stand back! A dragon's egg, you say?

Let's think about what this mystical object really is, not to mention what might lie within its eye-catching shell. We will then work collaboratively to create a descriptive writing toolkit which, alongside sensory exploration, will be used for writing imaginatively jaw-dropping descriptions and poems about our amazing discovery.

Now for our dilemma:

What should we do with the egg?

Where should it be put for safekeeping?

How can it be transported?

Who will be in charge?

When will it hatch and *what* will our egg-dweller need?

It's time to focus upon the key elements of persuasion and decide what to do with our precious object. Who knows?

You could be leaving today's session with more than you bargained for!

Guidance criteria for identifying participants:

Pupils should:

- be keen to develop their descriptive and persuasive writing skills
- enjoy communicating and collaborating with new people
- love writing creatively and descriptively
- be able to write with a specific purpose in mind

Course Tutor

Louise Lawrence graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a children's rugby coach Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

As a result of attending the course you will have:

- been immersed in the fantasy genre
- used sensory exploration to produce an imaginative description
- worked with new people
- used persuasive language
- received a course certificate to treasure
- ENJOYED YOURSELF!

Students should bring:

- pencils/pens/paper
- water bottle
- appropriate clothing for outdoor breaktimes

Lunch and refreshments are provided. School uniform is not required.

No mobile phones.

Year 2/3 pupils – Mini Maths Mania

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 6 th June 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Numeracy AGAT

Course details

Make new friends and work collaboratively to earn points by working your way around an exciting carousel of shape and number-based challenges. This is the perfect introduction to Braeside courses, providing a varied and engaging set of activities which aim to:

- introduce new mathematical skills.
- build upon and consolidate prior mathematical knowledge.
- develop new ways of thinking about Maths in a fun and engaging environment.

Are YOU up for the challenge?!...

Guidance criteria for identifying participants:

- enthusiastic, able mathematicians with an interest in exploring the subject to develop their wider thinking and problem-solving skills.
- able to work both independently and collaboratively within a group, and in unfamiliar surroundings.

Course Tutor

Louise Lawrence graduated from the University of the West of England in 2002, with a BA honours degree in Primary Teaching. Her extensive work as a teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher. She is passionate about all aspects of teaching and learning and has branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. She is also a children's rugby coach. Louise thrives upon the opportunity to use Mathematics as a means of introducing pupils to concepts, skills and thinking strategies that are essential in day-to-day life. Seeing children delight in using Mathematics to solve a problem is one of the things that really makes her tick!

.As a result of attending the course you will have:

- explored a range of mathematical concepts and their underlying principles.
- developed your communicative skills through collaboration and explaining your ideas.
- expanded your mathematical knowledge.
- received a personalised certificate of attendance/achievement.
- HAD FUN!

Students should bring:

- Pencils / Paper/ Pencil case
- Water bottles
- Clothing suitable for outdoor break times.

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 2/3 pupils – Super Mario Maths: Save Luigi!

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 29 th June 2024	9.30am-3.30pm	Braeside Education Centre	£60	16	Numeracy AGAT

Course details

Bowser has kidnapped Luigi and it is going to take the top mathematical brains to crack codes, solve puzzles and undertake practical tasks to save him. A day of collaborative activities to work towards a shared objective- to save Luigi! Collecting Super Mario characters to help you along the way will ensure you can complete this level. Are you up for the challenge?

An engaging and practical day to apply mathematical skill and use it to solve open ended and individualised problems. The course aims to consolidate known mathematical skills, introduce new skills and develop new ways of thinking about maths.

Guidance criteria for identifying participants:

- Able mathematicians with an interest to explore the subject beyond basic calculations
- The ability to work both independently and collaboratively and communicate within the wider group
- The ability to work in unfamiliar conditions i.e. with other adults and children

Course tutor

Elizabeth Davis is a primary school teacher based in BANES. With fifteen years' experience of teaching across the primary age phase, she is also a Lead Practitioner for English and maths for a Multi Academy Trust supporting across 7 primary schools. She has particular experience with English and maths teaching that challenges and extends all children and particularly enjoys problem solving and open-ended tasks that allow children to broaden their experiences and apply their skills and promoting a love of reading.

As a result of attending the course you will have:

- Explored number patterns, linked mathematical knowledge to new problems and puzzles and use this to solve practical activities
- Developed communication skills with others, both interpersonally and through explaining your work
- Developed your mathematical knowledge
- Enjoyed yourself!

Students should bring:

- Pencils including coloured pencils / Paper/ Pencil case/ Ruler
- Water bottles
- Clothing suitable for outdoor break times.

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 2/3 pupils – Create a Story Character

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 4 th July 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

This is a wonderful opportunity to create your very own story character. Let's come together to study the famous characters of renowned children's authors/illustrators, and pinpoint what makes them enjoyed by so many. Unleash your imagination, as you begin to make important decisions about your own character, including its name, setting, personality traits and appearance.

The most exciting thing about this is that THERE ARE NO RULES! Your character can be as wacky, disgusting or unusual as you'd like, providing that he or she is unique and believable. Immerse yourself in writing a detailed character profile and creating an amazing illustration of your character. We will also explore the use of role play, which is great fun and will ensure that the details you provide sound authentic.

Your new character will be used as the starting point for your own jaw-droppingly brilliant story – perhaps the first of many. Who knows? We might even see some of these characters in print one day!

Guidance criteria for identifying participants:

- Pupils should be creative and imaginative.
- Pupils should enjoy collaborating with others.
- Pupils should demonstrate attention to detail and good decision-making skills.

Course tutor

Louise Lawrence graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has also branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a children's rugby coach. Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

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

- explored what makes a unique and memorable story character through studying a range of texts and authors
- shared your ideas, showcasing your character through role play with others
- created a detailed and believable character profile, including an eye-catching illustration of him/her
- used your character as the starting point for a story
- received a course certificate to treasure
- HAD FUN!

Students should bring:

- a notebook/pad and pen/pencil
- coloured pens/pencils
- a water bottle
- clothing suitable for outdoor break times

Lunch and refreshments are provided.

School uniform is not required. No mobile phones

Year 3/4 pupils – ‘Dream BIG!’ Creative Writing

Date of course	Times	Venue	Cost	Max. places	Subject
Monday 29 th April 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

Did you dream last night? Can you remember what happened? How did it make you feel?

The wonderful thing about dreams is that there are no rules. Yes, that’s right - NO RULES! Literally anything can happen, be it funny, fascinating, mind-boggling or strange... The possibilities are truly endless.

Embark upon a journey to create your very own dream, where you will explore the fantasy genre and discover what makes a jaw-droppingly magical piece of descriptive writing. We will kickstart our journey by looking at examples of dreams in popular children’s literature, using a collaborative approach to identify the best types of ‘ingredients’ for our own dreams. We will then write about our dreams and celebrate our achievements by sharing them with each other. You will also have the opportunity to use cross-curricular links with Design and Technology to create your very own dream jar to take home at the end of the session. This is the perfect opportunity to let your imagination run wild!

Guidance criteria for identifying participants:

Pupils should:

- be keen to develop their creative writing skills
- enjoy working collaboratively and communicating with new people
- thrive upon showcasing their creativity, especially in relation to the use of descriptive language
- a desire to combine their writing skills with cross curricular links to create an amazing end product.

Course Tutor

Louise Lawrence graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a children’s rugby coach. Louise is a creative individual with a particular passion for language, especially in relation to children’s literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children’s reading and writing skills across a range of exciting genres.

As a result of attending the course you will have:

- explored the fantasy genre
- identified what makes an excellent piece of descriptive writing
- designed and written about your very own dream
- created a magical dream jar to take home
- worked with new people
- received a course certificate to treasure
- HAD FUN!

Students should bring:

- pencils/pens/paper
- water bottle
- clothing suitable for outdoor break times

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

Year 3/4 pupils – Matchstick Maths

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 3 rd May 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Numeracy AGAT

Course details

This is an exciting opportunity to get immersed in matchstick mayhem! Work your way around a ‘carousel’ of fun mathematical logic puzzles, manipulating actual matchsticks to aid your problem-solving and create useful visual representations.

As the day progresses, you will get the chance to investigate linear sequences of matchstick patterns. You will learn to record basic algebraic representations of your findings and use these to make predictions involving larger sequences. The real challenge will be to design your own linear sequence for others to investigate!

Guidance criteria for identifying participants:

- Pupils should be keen and able mathematicians.
- Pupils should demonstrate good problem-solving skills and a ‘can do’ approach to new challenges.
- Pupils should enjoy hands-on Maths activities.
- enjoy working collaboratively and communicating with new people

Course Tutor

Louise Lawrence graduated from the University of the West of England in 2002, with a BA honours degree in Primary Teaching. Her extensive work as a teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher. She is passionate about all aspects of teaching and learning, and has branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. She is also a children’s rugby coach. Louise thrives upon the opportunity to use Mathematics as a means of introducing pupils to concepts, skills and thinking strategies that are essential in day to day life. Seeing children delight in using Mathematics to solve a problem is one of the things that really makes her tick!

As a result of attending the course you will have:

- Worked collaboratively with others
- Put your logic and problem-solving skills to the test
- Carried out and designed mathematical challenges of an investigatory nature
- Created useful visual and written representations of your findings
- Received a course certificate to treasure
- HAD FUN!

Students should bring:

- A notebook/pad and pen/pencil
- Coloured pens/pencils
- A water bottle
- Clothing suitable for outdoor break times

Lunch and 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
Tuesday 7 th May 2024	9.30am – 3.00pm	Braeside Education Centre	£60	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 fly an aeroplane!

Sessions covering physics and the laws of aerodynamics are reinforced by practical experience on a flight simulator. 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 Denning has over thirty five 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. He is the Technical and Training Director of Radio Ninesprings, a local community radio station and produces a weekly astronomy program for them. His AGAT courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. 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.AdrianDenning.com>

As a result of attending the course you will have:

- A greater understanding of physics.
- Demonstrated your aviation skills!
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students should bring:

- Pencils / pencil case
- Water bottle
- Clothing suitable for outdoor break times

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 3/4 pupils – Spies and Secret Agents

Date of course	Times	Venue	Cost	Max. places	Subject
Wednesday 8 th May 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Science AGAT

Course details

A popular day course featuring an exciting mix of espionage, radio, bugs and lots of fun!

The day begins with an exploration into the history of spying and the mysterious world of codes and ciphers. Students will become expert at understanding encryption techniques – the different ways of scrambling a message so that it can only be understood by the intended recipient.....or can it?

Then we will take a look at secret radio transmissions and learn how messages can be sent to a spy operating on a covert mission. The course concludes with all our newly-trained MI99 field agents experimenting with a selection of radio bugs to eavesdrop on other parts of the building.

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 five 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. He is the Technical and Training Director of Radio Ninesprings, a local community radio station and produces a weekly astronomy program for them. 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. 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 communications technology and cryptography.
- Worked successfully in a group with your peers, experiencing leadership and negotiation skills.
- Been responsible for accuracy in the use of radio communications and code-breaking.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students should bring:

- Pencils / pencil case
- Notebook/paper
- Water bottle
- Clothing suitable for outdoor break times

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

Year 3/4 pupils – Gravity and Gunpowder

Date of course	Times	Venue	Cost	Max. places	Subject
Monday 10 th June 2024	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

Course details

Rocket science is always an extremely popular topic at Braeside, featuring an explosive mix of physics and fun! This special day course begins with an exploration of aerodynamics and Newton's Laws of Motion, followed by rocket design and the propellants used to launch them. To reinforce their learning, students will then fly a selection of model rockets to prove the theories that have been discussed. Computer simulation will be used to check each rocket's design and stability before launching for real later in the afternoon. Forget air and water powered rockets that can be bought in model shops – we will be using gunpowder as our fuel! The pyrotechnic rocket motors used are specifically designed for this course and remotely fired. They are both exciting and safe. The students do not handle any form of explosive at any time and safety is paramount.

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.
- Pupils must want to share the academic and practical challenges of the course – and the fun!

Course tutor

Adrian Dening has over thirty five 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. He is the Technical and Training Director of Radio Ninesprings, a local community radio station and produces a weekly astronomy program for them. His AGAT courses are challenging, with a balance between theory at a high academic level and fun practical exercises to consolidate what has been learnt. 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 space exploration and the technologies that support it.
- Taken part in a rocket launch having gained an appreciation of safety requirements.
- Conducted scientific experiments and drawn conclusions from the results.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students should bring:

- Pencils / pencil case
- Water bottle
- clothing suitable for outdoor break times

Lunch and refreshments are provided.

School uniform is not required. No mobile phones.

Year 3/4 pupils – Braeside Academy of Magic

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 20 th June 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy & Art AGAT

Course details

Welcome to Braeside Academy of Magic! If you have not previously enrolled at the academy, you will be introduced to the correct etiquette and traditions of Magical Studies, in addition to the standards expected here. You will then need to begin by determining your all-important wand type and join us for our obligatory Sorting Ceremony to discover which house you will be assigned to for the duration of your time here. As we develop your magical understanding, we will work hard to create vivid spells and charms that you will document in written and artistic forms. Practise saying incantations in your role as a young witch or wizard, and you will evoke the deepest of imaginations and make the hairs on your comrades' necks stand up on end! As we continue our magical journey, we will design our very own magical potions (each with a clear objective in mind), through the careful selection and combining of the finest and most effective of ingredients. Finally, we will examine the academic side of the topic that is 'Magical Creatures,' exploring traditional texts and folklore as tools for developing our own artistic and creative writing abilities. This is a course that will bewitch the mind and ensnare the senses, whilst you revel in the comradeship that can be found among your fellow young witches and wizards!

Guidance criteria for identifying participants

- Students should be interested in Magical Studies and Magical Creatures.
- Students should demonstrate good literacy skills and have a wider interest in folklore, artistic representation, and magic.
- Students should be confident enough to work with new people, in unfamiliar surroundings and within the context of role-play.

Course Tutor

Louise Lawrence graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a children's rugby coach.

Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

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

- developed your ability to write and draw with creativity and flair
- explored the use of role play as an effective tool for enchanting your audience
- studied elements of traditional texts such as folklore, myths and legends
- received a personalised certificate of attendance
- HAD FUN!

Students should bring

- general study cloak (winter uniform, black over-cloak if available)
- comfortable study clothes/shoes for indoor and outdoor classes
- water bottle
- personal journal - a book with positive energy, that is respectably bound, containing plain or lined paper.
- quill or other suitable writing/colouring implements!

Lunch and refreshments are provided. No mobile phones.

Whilst they may be taken to class, wand use is not permitted for pupils under 16 years old.

Year 3/4 pupils – Write a Stunning Illustrated Story

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 25 th June 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

Write and illustrate a wonderful story, in a day! Let your imagination run wild as you immerse yourself in writing and drawing. Discuss, explore and try out different styles of writing. Devise your own characters and explore the use of role play with others, so that the dialogue within your story is believable.

Bring together your knowledge of story features to create a story to treasure!

Guidance criteria for identifying participants:

Pupils should:

- love writing and want to engage their reader
- be willing to discuss their ideas and listen to others' as they explain their thoughts and plans
- enjoy creating a story with illustrations – although they do not need to be established artists!

Course tutor

Louise Lawrence graduated from the University of the West of England in 2002, with a BA honours degree in Primary English. Her extensive work as a primary teacher in a range of settings has seen her teach gifted and talented pupils aged 4 to 11. Louise is an incredibly adaptable teacher, who is passionate about all aspects of teaching and learning and has also branched out to fulfil the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher and youth worker. In addition to this, she is a children's rugby coach. Louise is a creative individual with a particular passion for language, especially in relation to children's literature. She loves nothing more than to immerse herself in a good book with her own children and thrives upon the enjoyment of developing children's reading and writing skills across a range of exciting genres.

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

- explored what makes an excellent story through studying a range of texts
- discussed your ideas, trying out dialogue/characters through role play with others
- thought about the reader's needs, considering the use of structure, vocabulary and technical devices that compliment your chosen genre
- used eye-catching illustrations to depict and enhance your story
- received a course certificate to treasure
- HAD FUN!

Students should bring:

- a notebook/pad and pen/pencil
- coloured pencils
- a water bottle
- clothing that is suitable for outdoor break times

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

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

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 13 th July 2024	9.15am – 3.15pm	Braeside Education Centre	£60	16	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 head of prep in a large outstanding 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 attending 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.

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

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

Students should bring

- Pencil & pens / calculator / ruler
- Paper – squared if possible
- Water Bottle
- Clothing suitable for outdoor break times

Lunch and refreshments are provided.

School uniform is not required. No mobile phones.

Year 5/6 pupils – Write Your Own Adventure

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 25 th April 2024	9.30am – 3.30pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

This creative, practical day will explore how real life can inspire the most fantastical of stories. Starting from situations and locations familiar to the young writers, we will add a dollop of magic and adventure. If an everyday wardrobe can lead to Narnia, where will the objects in their own lives take the students? Pupils will have the opportunity to work with, learn from and be given advice on their writing by an experienced author.

Guidance criteria for identifying participants:

- Pupils should be able to sustain their focus on writing.
- Pupils should enjoy using their imagination.
- Pupils should have an interest in writing for fun.

Course tutor

Dr Elen Caldecott is a successful, award-winning author for children and young people who has published over forty titles with publishers such as Oxford Uni Press and Bloomsbury. Her novel *Operation Eiffel Tower* was inspired by her own childhood experiences, plus a little wish-fulfilment. As well as writing drama, she writes detective fiction and fantasy fiction. She is a Lecturer in Creative Writing at Lancaster University. She enjoys reading and walking her dog along the South West's beaches.

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

- Practised fantasy writing: creating fantastical worlds
- Had an opportunity to write and edit a brand new piece of work
- Shared that piece with an audience of peers
- Practised life writing: observing and reflecting on their own environment
- Been given advice on their writing by an experienced author
- Had fun!

Further reading

There are many books that blend real life and fantasy. You may enjoy some of these:

- *Tom's Midnight Garden* by Philippa Pearce
- *Harry Potter and the Philosopher's Stone* by J.K. Rowling
- *The Many Worlds of Albie Bright* by Christopher Edge

Students should bring:

- A notebook or notepad
- Pen/Pencil
- Water bottle
- clothing suitable for outdoor break times.

Lunch and refreshments are provided.

School uniform is not required. No mobile phones.

Year 5/6 pupils – Heroes and Monsters

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 23 rd May 2024	9.30am – 3.30pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

This course will inspire young writers to create their own heroes and monsters based on ancient myths and legends. From Percy Jackson to Marvel's Thor, myths have given us some of our most exciting stories. Over the course of the day, students will invent their own hero and write adventures starring their new character. They will invent the monsters who will throw obstacles in their hero's path. Students will be introduced to some of the fundamental principles of storytelling which have stood the test of time and use them effectively in their own unique tales.

Pupils will have the opportunity to work with, learn from and be given advice on their writing by an experienced author.

Guidance criteria for identifying participants:

Pupils should:

- be able to write for a sustained length of time, up to fifteen minutes at a time;
- enjoy writing for pleasure;
- have an interest in books/graphic novels and reading.
- have the ability to work in groups and independently

Course Tutor

Dr Elen Caldecott is a successful, award-winning author for children and young people who has published over forty titles with publishers such as Oxford Uni Press and Bloomsbury. Her recent novel *The Blackthorn Branch* is a magical adventure inspired by the Celtic Mythology of her native Wales. As well as writing fantasies, she also writes detective fiction and contemporary drama. She is a Lecturer in Creative Writing at Lancaster University. She enjoys reading and walking her dog along the South West's beaches.

As a result of attending the course you will have:

- Practised writing adventurous stories
- Used myths and legends to inspire a story
- Had an opportunity to write and edit a brand new piece of work
- Shared that piece with an audience of peers
- Practised story structures: inciting incidents, obstacles, twists
- Been given advice on their writing by an experienced author
- Had fun!

Students should bring:

- Pencils/pens/paper
- Water bottle
- Clothing suitable for outdoor break times.

Lunch and refreshments are provided. School uniform is not required.

No mobile phones.

Year 5/6 pupils – Rocket Scientists

Dates of course	Times	Venue	Cost	Max. places	Subject
Tuesday 11 th June 2024	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

Course details

This exciting and unique course provides the opportunity to research the history of space travel and explore the design of vehicles that make it possible. The course opens with a study of physics and aerodynamics, including Newton's Three Laws of Motion. To reinforce their learning, students will work in groups to design rockets that will be launched to test the scientific theories that have been covered. Computer simulation will be used to check each rocket's stability before launching for real. Forget air and water powered rockets that can be bought in model shops – we will be using gunpowder as our fuel! The pyrotechnic rocket motors used are specifically designed for this course and remotely fired. They are both exciting and safe. The students do not handle any form of explosive at any time and safety is paramount.

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-five 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. He is the Technical and Training Director of Radio Ninesprings, a local community radio station and produces a weekly astronomy program for them. 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. 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 space exploration and the technologies that support it.
- Worked successfully on a group project, experiencing leadership and negotiation skills.
- Been responsible for a practical project at all its stages from initial design to final testing.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students should bring:

- Pencils / pencil case
- Notebook/paper
- Water bottle
- Clothing suitable for outdoor break times.

Lunch and refreshments are provided. School uniform is not required.

No mobile phones.

Year 5/6 pupils – Super Sleuths and Daring Detectives

Dates of courses	Times	Venue	Cost	Max. places	Subject
Thursday 13 th June 2024	9.30am – 3.30pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

This creative, practical day will inspire genre-writing in a setting that encourages imaginative thinking. Young writers will create their own super sleuths to investigate the clues, mysteries, and red herrings that the writers will have conjured. Together we will explore the qualities their character will need, and the tropes and devices required to write a satisfying whodunit. Pupils will have the opportunity to work with, learn from and be given advice on their writing by an experienced author.

Guidance criteria for identifying participants:

- Pupils should be able to sustain their focus on writing.
- Pupils should enjoy using their imagination.
- Pupils should have an interest in writing for fun.

Course tutor

Elen Caldecott has written for children for over a decade, including many detective stories. Her series The March Road Mysteries sees a gang of child detective work together to foil the nefarious activities in their neighbourhood. She is an Associate Lecturer in Creative Writing at Bath Spa University. As well as writing, she enjoys walking her dog along the South West's beaches.

As a result of attending the course you will have:

- Had an opportunity to write and edit a piece of work
- Shared that piece with an audience of peers
- Practised character creation
- Understood some of the conventions of detective fiction
- Used setting to inspire a story
- Been given advice on your writing by an experienced author
- Had fun!

Students should bring:

- Pen/Pencil
- Notepad/Paper
- Water bottle
- Clothing suitable for outdoor break times

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

Year 5/6 pupils – Lego Spike Robotics Challenge

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 21 st June 2024	9.30am – 4.30pm	Braeside Education Centre	£60	16	Science AGAT

Course details

The course will use the latest Lego Spike Robotics kit which includes the most up to date equipment and technology to build and program an autonomous robot to undertake a series of fun missions on a specially designed mat. Pupils will initially have a few icebreakers and then will begin to develop creative problem solving and team working skills as well as improving their knowledge of programming and control. Pupils will compete in teams against other teams.

Guidance criteria for identifying participants:

- Pupils should be willing to try out new things
- Pupils must be prepared to invent new ways to solve technical problems
- Pupils should have the ability to work in groups and independently

Course tutor

John Trickett is Director of Wessex SETPOINT with extensive experience of working with schools on problem solving and team building activities. As the organiser of the Wessex Region *FIRST*[®] LEGO[®] League Robotics competition at HP Bristol he recruits 40 – 60 schools annually for this competition. School teams respond to the challenge with creativity and imagination. All Wessex SETPOINT activities require students to work in teams, be creative and solve problems. The emphasis is on experiential learning, that is, learning by doing, so learning is enjoyable and fun.

As a result of attending the course you will have:

- Enjoyed yourself
- Learnt more about yourself as a designer, maker and technical problem solver
- Been surprised how good you are at solving problems
- Been able to adjust to an unfamiliar situation and work independently and within a team
- Gained knowledge of programming and computer control of autonomous robots

What you will take away with you:

- A sense of achievement
- A certificate of attendance
- Able to show you can solve technical problems creatively and work well in a team.

Students should bring:

- Pens, pencils and a notepad
- Water bottle
- Clothing suitable for outdoor break times

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

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

Date of course	Times	Venue	Cost	Max. places	Subject
Wednesday 26 th June 2024	9.30am – 3.30pm	Braeside Education Centre	£60	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:

- Pen/Pencil
- Notepad/Paper
- Water bottle
- Clothing suitable for outdoor break times

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Time Detectives: An Authentic Introduction to Archaeology and Ancient human Skeletal Remains

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 28 th June 2024	9.30am – 3.30pm	Braeside Education Centre	£60	16	History Science AGAT

Course details

How can we find out about the lives of our ancestors?

Archaeology is the study of ancient people, the things they made and what they left behind. Join us for a unique opportunity to learn how this fascinating science is used to uncover the mysteries of our past. You will participate in an enthralling combination of hands-on, practical activities and engaging Q&A sessions, which are sure to captivate your enquiring mind. You will gain an understanding of professional archaeological practices, from fieldwork through to the analyses of artefacts and the most direct evidence of the human past: skeletal remains of the people themselves.

Run by our expert osteoarchaeologist, this is the very first course of its kind at Braeside. Come and unlock your inner archaeologist and reveal some truly enthralling secrets of the past!

***Please be aware that genuine archaeological human remains will be used as a teaching resource.**

Guidance criteria for identifying participants.

Attendees should have:

- an enquiring mind and a keen interest in the human past;
- an aptitude to learn via practical and written activities, and a range of media;
- a respectful approach to handling archaeological artefacts and human skeletal remains;
- a willingness to share thoughts and discuss ideas;
- the ability to work both independently and collaboratively.

Course tutor

Helen Webb has a BSc in Archaeology, an MSc in Osteoarchaeology, and almost 20 years of commercial archaeology experience. She has worked for Heritage Burial Services at Oxford Archaeology in her current Osteoarchaeologist role for some 17 years. Her extensive experience of working on a wide variety of archaeological projects, both in the UK and further afield, has provided her plethora of experience in dealing with artefacts and human remains from the Stone Age through to the post-medieval and first World War periods. Helen has authored and co-authored a wide variety of osteoarchaeological publications, and is a member of both the Institute of Archaeologists (MIfA) and the British Association for Biological Anthropology and Osteoarchaeology (BBAO). She has delivered many outreach events at local societies, museums and schools, and is an occasional lecturer at Oxford University's Department of Continuing Education. Helen thrives on inspiring others to learn about the past and delights in exploring local archaeological sites with her own children.

As a result of attending this course you will have:

- put your observational and investigative skills to the test;
- gained a good awareness of the different specialisms within Archaeology;
- had hands-on experience with genuine archaeological artefacts and ancient human remains;
- some written and pictorial evidence of your findings;
- a personalised certificate of attendance;
- an awakened inner archaeologist!

Students should bring:

- Pencil case, including colouring pens or pencils
- Notebook
- Water bottle
- clothing suitable for outdoor break times.

Lunch & refreshments are 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 29 th June 2024	9.45am – 3.45pm	Braeside Education Centre	£60	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 attending 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
- Clothing suitable for outdoor break times.

Lunch and refreshments are provided.

School uniform is not required. No mobile phones.

Year 5/6 pupils – Digital Illustration; Summer Scenes

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 13 th July 2024	9.30am – 3.30pm	Braeside Education Centre	£60	12	ICT/Art AGAT E

Course details

Learn how to create an enchanting landscape illustration, using the latest digital illustration technology. We will study perspective, composition, colour palettes and more! We will learn how to use layers, blend modes and lighting effects to create a stunning illustration that you can be truly proud of!

Guidance criteria for identifying participants:

- Pupils should:
- Be passionate about art and design.
- Be prepared to push themselves and learn a challenging new skill.
- Be prepared to work both independently and collaboratively.
- Be ready to express their creativity.

As a result of attending the course you will have:

- Learned some of the fundamental techniques of digital illustration such as layers, masks, and textures.
- Created a unique illustration that you can take home at the end of the session.
- Learned and applied some composition skills.
- Developed an understanding of colour palettes and colour theory.

Course tutor

Oliver Daltrey is a teacher with over 15 years' experience. He is also a freelance illustrator, who creates personalised artwork for a range of clients, using digital illustration techniques. Oliver is passionate about helping people discover and develop their natural creativity.

Students should bring:

- A picture/photo or book with scenery for inspiration
- Water bottle.
- A pencil case with a range of drawing and colouring equipment
- Clothing suitable for outdoor break times.

Lunch and refreshments are provided.

School uniform is not required. No mobile phones.

Year 5/6 pupils – Maths All Around

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 13 th July 2024	9.00am – 3.00pm	Braeside Education Centre	£60	18	Numeracy AGAT

Course details

Why do you learn maths? When do you need to use your mathematical skills outside the classroom? Pupils will experience a variety of learning activities to explore and extend their mathematical knowledge and understanding. They will take part in investigations applying their mathematics to the real-world. Pupils will need to explain their problem-solving skills and be able to record their methods.

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
- Clothing suitable for outdoor break times.

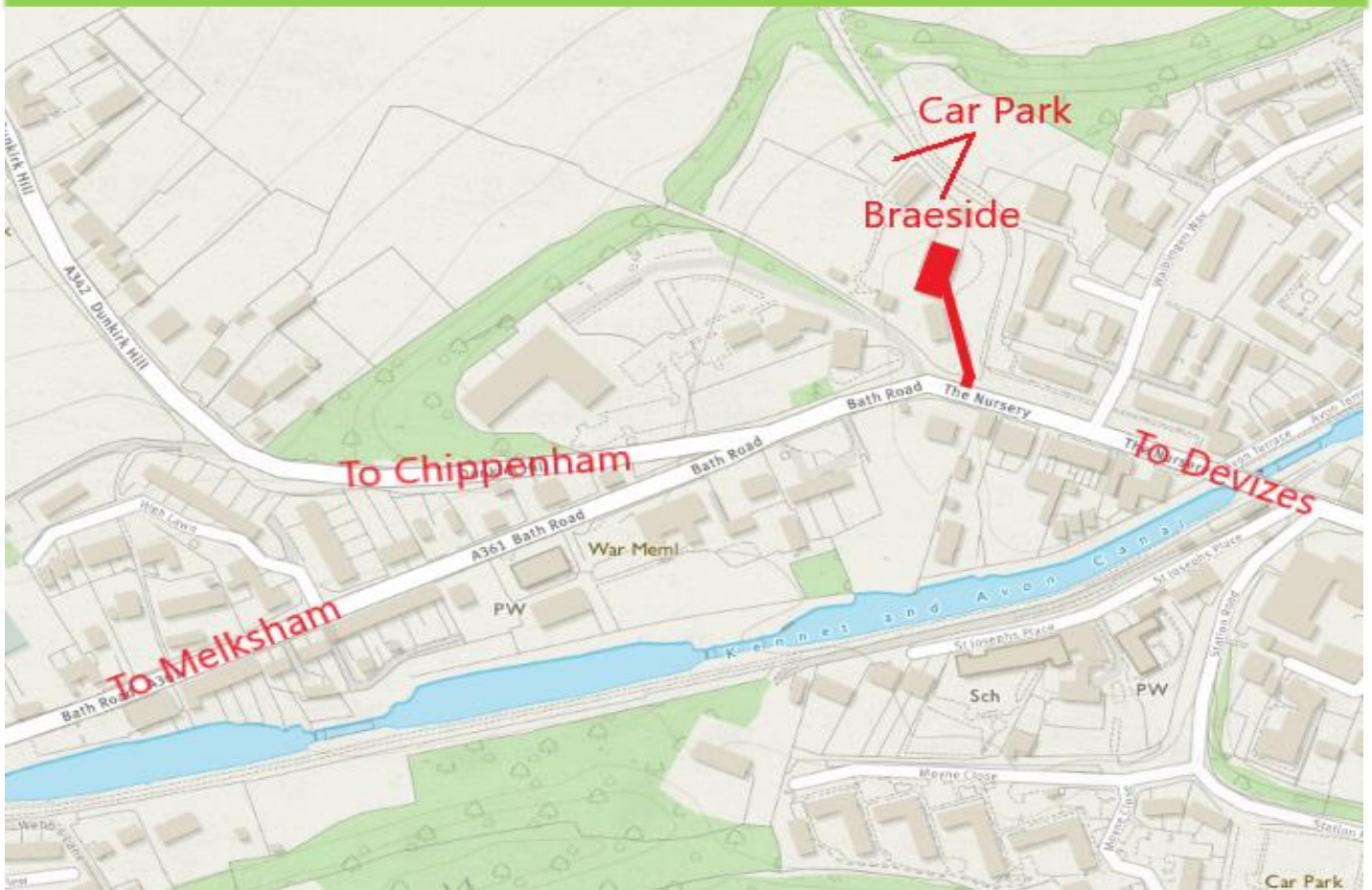
Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Directions to Braeside Education Centre

Sat nav or Google maps Postcode
SN10 2AF



Braeside Education Centre
Bath Road
Devizes
SN10 2AP
01380 722637
www.braeside-education.co.uk



**Braeside Education
Centre**