



Braeside Education
Centre

Autumn/Winter 2024/2025

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

Autumn/Winter 2024/2025

Primary school

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 Autumn/Winter 2024-2025 courses for primary school years 2 – 6

Years 2, 3 & 4								
Year	Course Title	Subject	Tutor(s)	Date	Time	Cost including VAT	AGAT or E	Page
2/3	Seasons to Stories	Literacy	Louise Lawrence	Friday 15 th November	9.30am – 3.00pm	£60	AGAT	10
2	Dotty About Maths	Numeracy	Louise Lawrence	Thursday 21 st November	9.30am – 3.00pm	£60	AGAT	11
2/3	Write a Super Sequel to Your Favourite Book	Literacy	Louise Lawrence	Tuesday 21 st January	9.30am – 3.00pm	£60	AGAT	12
2/3	Super Mario Maths; Save Luigi!	Numeracy	Elizabeth Davis	Saturday 25 th January	9.30am – 3.15pm	£60	AGAT	13
2/3	Minecraft Maths	Numeracy	Louise Lawrence	Thursday 6 th February	9.30am – 3.00pm	£60	AGAT	14
3/4	Space Explorers	Science	Adrian Denning	Monday 11 th November	9.30am – 3.30pm	£60	AGAT	15
3/4	Braeside Academy of Magic	Literacy & Art	Louise Lawrence	Thursday 28 th November	9.30am – 3.00pm	£60	AGAT	16
3/4	Merry Christmaths	Numeracy	Louise Lawrence	Tuesday 3 rd December	9.30am – 3.00pm	£60	AGAT	17
3/4	Christmas Story Writing	Literacy	Louise Lawrence	Thursday 5 th December	9.30am – 3.00pm	£60	AGAT	18
3/4	Superhero Comic Strips	Literacy	Louise Lawrence	Friday 10 th January	9.30am - 3.00pm	£60	AGAT	19
3/4	Matchstick Maths	Numeracy	Louise Lawrence	Friday 17 th January	9.30am – 3.00pm	£60	AGAT	20
3/4	Science of Scalextric	Science	Adrian Denning	Monday 27 th January	9.30am - 3.30pm	£60	AGAT	21
3/4	Image to Imagination	Literacy	Louise Lawrence	Thursday 30 th January	9.30am – 3.00pm	£60	AGAT	22
3/4	'Dream Big!' Creative Writing	Literacy	Louise Lawrence	Tuesday 11 th February	9.30am – 3.00pm	£60	AGAT	23

Years 5 & 6

Year	Course Title	Subject	Tutor(s)	Date	Time	Cost including VAT	AGAT or E	Page
5/6	Venture into Space	Science	Adrian Dening	Tuesday 12 th November	9.30am – 3.30pm	£60	AGAT	24
5/6	The Craft of Mysterious Story Writing	Literacy	Alex Cotter	Tuesday 19 th November	9.30am – 3.30pm	£60	AGAT	25
5/6	Christmas Maths	Numeracy	Hannah Crook	Saturday 30 th November	9.00am – 3.00pm	£60	AGAT	26
4/5/6	Christmas Cookery	Cookery	Josh Hatton	Saturday 30 th November	9.15am – 3.45pm	£45	E	27
5/6	Digital Illustration; Bring your Favourite Story Scene to Life	ICT & Art	Oliver Daltrey	Saturday 30 th November	9.30am – 3.30pm	£60	AGAT E	28
5/6	Writing Detectives Stories	Literacy	Tim Collins	Monday 20 th January	9.30am – 3.30pm	£60	AGAT	29
5/6	Stars of Mathematics	Numeracy	Hannah Crook	Saturday 25 th January	9.00am – 3.00pm	£60	AGAT	30
5/6	Scalextric Science Lab	Science	Adrian Dening	Tuesday 28 th January	9.30am – 3.30pm	£60	AGAT	31
5/6	Hi-Tech Spies	Science	Adrian Dening	Wednesday 29 th January	9.30am – 3.30pm	£60	AGAT	32
5/6	Graphic Novels	Literacy	Louise Lawrence	Tuesday 4 th February	9.30am – 3.30pm	£60	AGAT	33
5/6	Chemistry Day; Solids, Liquids and Gases	Science	Peter Sainsbury	Wednesday 5 th February	9.30am – 3.30pm	£60	AGAT	34
5/6	Lego Engineering; It's good to 'torque'	Science	Paul & Julie Kirkham	Monday 10 th February	9.30am - 3.30pm	£60	AGAT	35

Introduction to the courses

These courses follow on from successful courses run in previous years and offer further opportunities from November 2024 – February 2025

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			
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-notice.html>

Year 2/3 pupils - Seasons to Stories

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 15 th November 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

'For now, the nights are drawing in, the seasons have turned once more. Gather round I say, harken to the tale I tell...'

The tale is yours and you can make of it what you will, as you draw your readers into your very own seasonal story. On this course we will look at the inspiration we can take as writers from the environment, the atmosphere and the weather, as well as other seasonal influences. We will delve into the details that may inspire us, exploring different ways to develop our creative writing.

Come along and enjoy the day, whilst having the opportunity to focus fully on your writing with tutorial support whilst meeting fellow writers with a similar interest.

Guidance criteria for identifying participants:

Pupils should:

- Show an interest in developing their own ideas.
- Be keen to express themselves in writing.
- Demonstrate a natural flair for narrative work and written language in general.
- Be confident enough to discuss and share their work wherever possible.

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 is experienced in the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher, school governor and youth worker. In addition to this, she is a committed grassroots coach at her local rugby club. Louise is a creative individual with a particular passion for language, especially when it comes 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:

- Gained confidence in exploring a range of ways to express your narrative ideas.
- Used nature and the seasonal environment as creative stimuli.
- Developed skills in scaffolding your writing beyond previously known formats.
- Tested various starting strategies for the creative process.
- Developed on your journey as an author.
- A certificate of attendance.

Students should bring:

- Pencils, pens, and notebook
- Water bottle
- Clothes suitable for outdoor breaks

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 2 pupils – Dotty About Maths

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 21 st November 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Numeracy AGAT

Course details

Make new friends and work collaboratively to earn points by completing an exciting array of completely dotty challenges. Try out some ladybird maths, use dominoes to develop your understanding of number, and learn about shapes by making 3-D dice with a difference! Learn new mathematical skills and use these to defeat your opponent in a range of delightfully dotty games. This is the perfect introduction to Braeside courses, providing a varied and engaging set of activities which aim to:

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

Come and join us for a truly fantastic, fun-filled, and dotty day!

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
- suitable clothes for outdoor breaks
- Feel free to wear something dotty, although this is absolutely non-essential!

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 2/3 pupils – Write a Super Sequel to your Favourite Book!

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 21 st January 2025	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

Imagine that the publishers of your favourite book have asked you to write the sequel to it. A new character or a different setting could be introduced; thinking about how the writer of the original book has used language, sentences, and character development, you can build an exciting new story. It's time to let your imagination take off!

If you can, please bring your favourite story book to the course and be ready to explain to a partner why you love it so much.

Guidance criteria for identifying participants:

Pupils should:

- enjoy writing for pleasure;
- be enthusiastic readers;
- have a natural flair for creative writing;
- be willing to discuss their thoughts and ideas with others.

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 is experienced in the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher, school governor and youth worker. In addition to this, she is a committed grassroots coach at her local rugby club. Louise is a creative individual with a particular passion for language, especially when it comes 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 a character through either participating in or watching roleplay;
- implemented the stylistic features of your chosen book;
- shared your work with other writers;
- provided constructive feedback to your peers;
- designed an eye-catching cover for your sequel;
- been presented with a personalised course certificate.

Students should bring:

- A copy of their favourite book or story, if possible
- Notebook
- Writing/colouring pencils and pens (pencil case)
- Water bottle
- Suitable clothes/footwear for outdoor break

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 25 th January 2025	9.30am-3.15pm	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 – Minecraft Maths

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 6 th February 2025	9.30am – 3.00pm	Braeside Education Centre	£60	16	Numeracy AGAT

Course details

Calling all Minecraft-loving mathematicians! Unleash your inner adventurer with our exciting range of mathematical activities, based upon the block-related brilliance that we have all come to know and love. You will learn how to crack secret codes, solve number problems and complete colourful calculation mosaics of some of your favourite Minecraft characters. As the day progresses, we will use our exciting theme to explore and develop geometrical concepts such as position, direction, co-ordinates and symmetry.

You will meet new friends and work collaboratively and creatively in small teams to solve challenges and earn all-important team points... What do points mean? PRIZES!

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 a wide range of Maths activities.

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 coming on the course you will have:

- worked collaboratively with others
- put your problem-solving skills to the test
- developed your knowledge of shape, position and direction
- received a personalised course certificate to treasure
- HAD FUN!

Students should bring:

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

Lunch and refreshments are provided. No mobile phones.

School uniform is not required. Minecraft-related attire is not required but will nevertheless be applauded!

Year 3/4 pupils – Space Explorers

Date of course	Times	Venue	Cost	Max. places	Subject
Monday 11 th November 2024	9.30am-3.30pm	Braeside Education Centre	£60	16	Science AGAT

Course details

A popular one-day workshop featuring a fascinating mix of space, stars, and fun with the chance to hold part of an asteroid! The day includes a study of the heavens and an exploration of the Solar System. Before that, we look closer to home and discover why we have seasons, leap years and why the Moon looks different every night. Our special guest will be a large piece of the Campo Del Cielo meteorite that fell to Earth over 4500 years ago!

Students will have the chance to examine the meteorite and use a special observatory-grade telescope to view the Sun as it will be daylight. There will also be tips on how to observe the night sky for when you are back at home.

Guidance criteria for identifying participants:

- Pupils should have an interest in space and an enquiring mind.
- Pupils will need to be able to work confidently, both individually and in small groups.
- 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 coming on the course you will have:

- A greater understanding of the planets in our Solar System.
- Made detailed observations of the Sun.
- Understand the relationship between Earth and its moon.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students should bring:

- Pencils / pencil case
- Water bottle
- Clothes suitable for outdoor play

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 28 th November 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. Practice 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 is experienced in the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher, school governor and youth worker. In addition to this, she is a committed grassroots coach at her local rugby club. Louise is a creative individual with a particular passion for language, especially when it comes 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)
- clothing suitable for outdoor break times.
- 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 – Merry Christmaths

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

Course details

Christmas is a thrilling time of year and at Braeside, we love nothing more than to get stuck into some Christmas-themed learning! Take part in 'Merry Christmaths!' and you will discover the fascinating mathematical concepts behind seasonal shapes and designs. You will also be able to put your calculation skills to the test in some fabulous, festive number challenges. Earn stars for your Mathematical endeavors and use them to embellish your very own souvenir Christmas tree decoration. This is the perfect chance to use and develop your mathematical knowledge in the most festive of ways! Pupils will experience a range of shape, space and calculation challenges throughout the day. There will be a strong practical element and they will need to develop and explain their problem-solving strategies whilst finding effective methods of recording.

Guidance criteria for identifying participants:

- Pupils should have a good level of mathematical ability/interest
- Pupils should have the ability to work on practical tasks, including art and design work
- Pupils should have the ability to work both independently and with a collaborative approach
- Pupils should have the confidence to work with new people in an unfamiliar environment

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:

- an enhanced ability to see Maths around us
- developed your interpersonal skills and ability to explain your reasoning
- a more logical approach to mathematical challenges
- received a personalised course certificate
- HAD FUN!

Students should bring:

- pencils/pencil case
- water bottle
- clothes suitable for outdoor play (festive attire, if you so wish!)

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 3/4 pupils – Christmas Story Writing

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 5 th December 2024	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

‘The most magical way to see Christmas is through the eyes of a child.’

Christmas stories are such a wonderful part of the lead up to the festive season and with this in mind, we embark upon a creative journey where pupils become immersed in the craft of imaginative Christmas story writing. They will have the opportunity to explore a range of seasonal stories, discussing their key features with peers and experimenting with different structures and vocabulary for their own stories.

Who knows? The pupils’ own stories could become treasured Christmas gifts to friends or family members!

Guidance criteria for identifying participants:

Pupils should:

- love writing for pleasure;
- enjoy reading/listening to stories and discussing their features;
- be keen to share their thoughts and ideas with others;
- demonstrate an ability to write freely and confidently, both independently and with a collaborative approach.

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 is experienced in the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher, school governor and youth worker. In addition to this, she is a committed grassroots coach at her local rugby club. Louise is a creative individual with a particular passion for language, especially when it comes 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:

- a self-written Christmas story to be proud of;
- an extended knowledge of writing for specific purposes & audiences.
- an enthusiasm to continue writing imaginative, well-structured stories that engage your reader(s);
- a certificate of attendance.

Students should bring:

- writing and drawing equipment (pencil case)
- notebook
- water bottle
- suitable clothing for outdoor breaks

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 3/4 pupils – Superhero Comic Strips

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 10 th January 2025	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

“There is a superhero in all of us, we just need the courage to put on the cape.” (Superman)

Comic strips are a popular form of literature that combines drawing and design with carefully chosen text, to achieve eye-catching and entertaining results. What better introduction to these than via the fun and engaging topic of Superheroes?! Learn all the tricks of the trade to inform clever combinations of illustration and text that will allow you to engage others with the use of precise vocabulary and simple but imaginative story structure. A range of superhero comic strips will be poured over and enjoyed, before it is time to fully unleash your creativity. You will then be supported in designing a unique and authentic superhero, ready to be unleashed on their quest for good. Wings like a shield of steel or an ability to scale buildings might be put to the test, as you launch your superhero full throttle into their very own comic strip world. This day promises to be a learning-rich head-turner and is the perfect precursor to our *Graphic Novels* course for older primary pupils.

Guidance criteria for identifying participants:

Pupils should:

- enjoy writing for pleasure
- be confident in the process of creative drawing
- be willing to share and discuss their thoughts and ideas
- be able to work both independently and collaboratively

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 is experienced in the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher, school governor and youth worker. In addition to this, she is a committed grassroots coach at her local rugby club. Louise is a creative individual with a particular passion for language, especially when it comes 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 participating in the course you will have:

- designed your own superhero
- created a successful and engaging comic strip
- extended your ability to write for specific purposes & audiences

What you will take away with you:

- your finished comic strip(s)
- an enthusiasm to widen your reading and writing repertoire
- a personalised certificate of attendance

Students should bring:

- writing equipment
- drawing/colouring equipment
- notebook
- your favourite superhero comic strip examples, if available
- water bottle
- suitable clothing/footwear for outdoor breaks

Lunch and refreshments are provided. School uniform is not required. However, superhero-themed clothes (although not a requirement) will be applauded! No mobile phones.

Year 3/4 pupils – Matchstick Maths

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 17 th January 2025	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 that is suitable for outdoor break times

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
Monday 27 th January 2025	9.30am – 3.30pm	Braeside Education Centre	£60	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 and physics. A large Scalextric layout provides the opportunity to learn first-hand about the role that the electronics play. 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 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 electronics.
- Worked successfully in a group with your peers.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students should bring:

- Pencils / pencil case
- Water bottle
- Clothes suitable for outdoor play

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 3/4 pupils – Image to Imagination

Date of course	Times	Venue	Cost	Max. places	Subject
Thursday 30 th January 2025	9.30am – 3.00pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

It's time to view the world with a writer's eye, as you learn how to develop a wonderful piece of creative writing using the stimuli of vibrant and exciting pictures! Our selection of images will be varied and thought-provoking, having been carefully chosen to inspire you whilst developing your skills in inference and prediction. Together we will explore the stories in the pictures and use immersive drama techniques to 'participate' in the events within them, going backwards and forwards in time to imagine the lead up to each image and decide what happens next. Excellent use of vocabulary and explanatory skills are a must, not to mention thinking on your feet, as we freeze frame parts of the emergent story in order to 'hot seat' characters from within it. We will use this performance-based steppingstone to develop vivid and thoughtful pieces of writing drawn from our discussions and experiences. First person or third person perspective? The choice is yours!

Come and join us on our creative journey, for what is certain to be an imaginatively inspiring day.

Guidance criteria for identifying participants:

- Pupils should have an interest and good ability in creative writing.
- Pupils should be able to work collaboratively as well as independently.
- Pupils should be confident enough to present their work to others, both in character role or as themselves.
- Pupils should demonstrate an ability to focus on quality over quantity.

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 is experienced in the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher, school governor and youth worker. In addition to this, she is a committed grassroots coach at her local rugby club. Louise is a creative individual with a particular passion for language, especially when it comes 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:

- enjoyed developing your creative writing skills to produce a quality piece of writing
- had the opportunity to implement drama as a powerful learning tool
- successfully collaborated with others
- received a personalised certificate of attendance
- gained new skills, increased confidence and a sense of achievement
- HAD FUN!

Students should bring:

- something suitable to write on or in
- writing pens/pencils
- coloured pens/pencils
- water bottle
- clothes suitable for outdoor breaks
- THEIR IMAGINATION AND A WILLINGNESS TO LEARN!

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
Tuesday 11 th February 2025	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 is experienced in the roles of Early Years Practitioner, one-to-one tutor, secondary language teacher, school governor and youth worker. In addition to this, she is a committed grassroots coach at her local rugby club. Louise is a creative individual with a particular passion for language, especially when it comes 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 5/6 pupils – Venture into Space

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 12 th November 2024	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

Course details

Are you curious about what you see in the night sky? Why does the Moon look different every time you see it and why do the stars appear to move? Do you fancy holding a real meteorite and having the opportunity to look through a professional telescope? This exciting course introduces pupils to the fundamentals of astronomy and ventures into deep space.

The Earth is bombarded daily by pieces of space debris – most burn up in our atmosphere and appear as “shooting stars”, but a few are large enough to land. We will be bringing a huge piece of the Campo del Cielo meteorite that crashed into the Earth over 4500 years ago! Students will have the chance to examine the meteorite and use a special observatory-grade telescope to view the Sun as it will be daylight. There will also be tips on how to observe the night sky for when you are back at home.

Guidance criteria for identifying participants:

- Pupils should have an interest in space and an enquiring mind.
- Pupils will need to be able to work confidently, both individually and in small groups.
- 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 the planets in our Solar System.
- Made detailed observations of the Sun.
- Understand the relationship between Earth and its moon.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students should bring:

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

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – The Craft of Mysterious Story Writing

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 19 th November 2024	9.30am - 3.30pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

Create your very own spooky story this season!

Come along on an exciting journey of story-making. Discover your inner author as you fire up your imagination to create your very own dramatic story.

You'll start with some fun exercises to get your creative juices flowing. We'll take a look at what inspires and interests you to come up with some wonderfully spooky story ideas. Next, you'll get immersed in the key elements of storytelling, including:

- **Setting and world-building**
Create a map of the world for where your story can take place
- **Characters**
Design dynamic characters, including character goals and motivation
- **Plot and structure**
Devise a compelling narrative with dramatic action and key turning points
- **Narrative**
Explore the use of conflict, suspense and exciting dialogue.

You'll be able to find out more about my own writing journey and what's inspired my stories through interactive tasks that will help you develop your own stories. We'll also take a look at how you might connect the past with the present for a truly spooky tale. Plus, we'll explore how secrets and objects can develop a story that's filled with intrigue, conflict and drama!

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

Alex Campbell is a children's author, editor, and a Lecturer in Creative Writing for Young People.

Alex currently writes children's books for 8-12 years old under the name Alex Cotter. Her recent novel, [The House on the Edge](#), was selected as a WHSmith Travel Book of the Month and chosen for the 'Read for Empathy' collection. In addition, she has written YA novels and was nominated for the CILIP Carnegie Medal 2016.

Along with a degree in English Literature, Alex has over ten years' experience as an editor and mentor for other writers. She has lots of experience of running a range of talks and workshops suitable for KS2 & KS3. Most importantly, she is a passionate advocate of inspiring young writers to develop their individual creative talent and to spread the many joys of storytelling.

As a result of attending the course you will have:

- By the end of the course, you'll have created all the elements that will be recorded in a final story plan to take home. You'll also have some ideas for an opening chapter.
- Certificate of attendance
- Been given advice on their writing by an experienced author
- Had fun!

Students should bring:

- Pencil case
- Notebook
- Water bottle
- Clothing suitable for being outdoors at breaktimes

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

Year 5/6 pupils – Christmas Maths

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 30 th November 2024	9.00am – 3.00pm	Braeside Education Centre	£60	18	Numeracy AGAT

Course details

Come along for a day of Maths inspired by Christmas! Pupils will experience a variety of learning activities to challenge and extend their mathematical problem-solving skills. They will investigate maths in various Christmas contexts and take part in practical problem-solving activities. Children will work independently as well as working in groups to solve puzzles and problems using number and geometry.

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 on 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
- A certificate of attendance

Students should bring:

- Pen/Pencil
- Notepad
- Water bottle
- Coat
- Suitable clothing for outdoor breaks

Lunch & refreshments are provided.

School uniform is not required.

No mobile phones.

Year 4/5/6 pupils – Christmas Cookery Course

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 30 th November 2024	9.15am – 3.45pm	Braeside Education Centre	£45	16	Cookery E

Course details

Start the festive season by joining us at Braeside for some Christmas Cooking.

A bake-filled day where you will make 3 different Christmas treats; Christmas biscuits, mince pies and a homemade chocolate gift to take home!

You'll learn how to make your own pastry, cook biscuits from scratch and become your own chocolatier!

You will gain an understanding of the importance of accuracy of ratios and cooking temperatures and create and use your own designs to plan and make your creations.

A festive lunch will be provided, and we will also have Christmas music playing throughout. Plus, each child will have a small Christmas gift from Braeside to take home with them. All in all, it's going to be a fun day for all involved and a great opportunity for the children to develop their catering skills.

Guidance criteria for identifying participants:

- Pupils should be outgoing and confident.
- Pupils should demonstrate ability in Cookery and have an active interest in how to make food.
- Students do need to understand they will be working with new people, in unfamiliar surroundings and with equipment that can be dangerous.

Course Tutor

Josh Hatton is our catering supervisor at Braeside. He has worked with us for over three years but has been within the catering industry for over 8 years. He has a vast knowledge of catering but also has a huge passion for performing arts! Braeside therefore gets the best of both worlds with Josh! He is a fan of sweet creations and Christmas, so this course is the perfect place for him to be!

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

- Made three different food items which you can take home to enjoy with your family and friends
- Learnt to make your own pastry
- Designed and made your own creations
- Learnt some of the techniques that go into baking
- Made new friends
- Learnt skills that you will use for the rest of your life
- Taken the next step on your catering journey

Students should bring:

- Comfortable clothes/shoes as the course involves standing for periods of time
- Water Bottle
- Large Enough Tub(s) to take home your bakes

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Digital Illustration; Bring your favourite story scene to life

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 30 th November 2024	9.30am – 3.30pm	Braeside Education Centre	£60	12	ICT/Art AGAT E

Course details

Learn the latest digital illustration techniques as you bring a favourite story scene to life! On this course you will learn how to use layers, colours, textures and masks to create a stunning digital illustration, based on a scene from one of your favourite books. You will use state-of-the-art digital illustration software (as well as more traditional techniques) to make an amazing picture that you can take away with you at the end of the day!

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 collaboratively.
- Be ready to express their creativity.

As a result of coming on 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 favourite book with a scene that they would like to illustrate.
- Water bottle.
- A pencil case with a range of drawing and colouring equipment
- Clothing suitable for outdoor breaks

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Writing Detective Stories

Date of course	Times	Venue	Cost	Max. places	Subject
Monday 20 th January 2025	9.30am – 3.30pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

A day of imaginative storytelling and puzzle-solving. Participants will create their own detective characters and mystery plots and build their ideas into a longer piece of writing. They will learn about constructing puzzles and seeding clues and red herrings. They will find out about fictional genres and how to surprise readers. Participants will be guided by an experienced writer in the field using inspiration from the popular 'Sherlock Bones' series.

Guidance criteria for identifying participants:

- Attendees should be interested in creative writing.
- Attendees should be able to sustain their focus on writing.
- Attendees should enjoy problem-solving.
- Attendees should be able to work confidently, both individually and in small groups

Course tutor

Tim Collins has had over 100 books published over the last two decades. His *Sherlock Bones* series features a canine detective cracking crimes in an animal world, and blends stories with puzzles. He won the Children's Literature Festivals Young Readers award in 2024 and has run workshops in a range of schools and literary festivals.

As a result of attending the course you will have:

- Written and edited a detective story.
- Had the opportunity to share your work with your peers.
- Created and solved puzzles.
- Learnt about devising characters.
- Learnt about fictional genres and tropes.
- Developed your problem-solving skills.
- Had feedback from an experienced author.

Students should bring:

- Pencil case
- Notebook
- Water bottle
- Clothing suitable for being outdoors at breaktimes

Lunch & refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Stars of Mathematics

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 25 th January 2025	9.00am – 3.00pm	Braeside Education Centre	£60	18	Numeracy AGAT

Course details

Who's Ada Lovelace? Who is the 'Father of Geometry'? Who invented algebra?

Let's find out!

On this course, the pupils will experience a variety of learning activities inspired by the discoveries of famous mathematicians from the past. Pupils will experience a range of problem-solving activities from all areas of mathematics.

The course will include working 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
- Suitable clothing for outdoor breaks

Lunch and refreshments are provided.

School uniform is not required. No mobile phones.

Years 5/6 pupils – Scalextric Science Lab

Dates of course	Times	Venue	Cost	Max. places	Subject
Tuesday 28 th January 2025	9.30am – 3.30pm	Braeside Education Centre	£60	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 an exploration into maths and physics. A large Scalextric layout provides the opportunity to learn first-hand about the role that the electronics play. How do you keep the cars on the track – is it driving skill or physics? 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 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 physics and electronics.
- Worked successfully in a group with your peers.
- Enjoyed new challenges and shared your knowledge with new like-minded friends.

Students should bring:

- Pencils / pencil case
- Water bottle
- Clothes suitable for outdoor play

Lunch and refreshments will be provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Hi-Tech Spies

Dates of course	Times	Venue	Cost	Max. places	Subject
Wednesday 29 th January 2025	9.30am – 3.30pm	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 an 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 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
- Water bottle
- Clothes suitable for outdoor play

Lunch and refreshments will be provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Graphic Novels

Date of course	Times	Venue	Cost	Max. places	Subject
Tuesday 4 th February 2025	9.30am – 3.30pm	Braeside Education Centre	£60	16	Literacy AGAT

Course details

Graphic novels - i.e., novels in comic-strip format - are a popular and entertaining form of literature which combine drawing and design with carefully crafted text into a structured whole. A specific combination 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, then design and produce their own short version of either a well-known story or their own original creation.

Guidance Criteria for Identifying Participants

Pupils should:

- enjoy writing for pleasure;
- be confident in the processes of creative drawing and designing;
- be willing to share and discuss their thoughts and ideas;
- be able to work freely and confidently, both independently and collaboratively.

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 attending the course you will have:

- produced your own graphic novel;
- extended your ability to write for specific purposes & audiences.

What you will take away with you:

- your finished graphic novel;
- an enthusiasm to widen your reading and writing repertoire;
- a certificate of attendance.
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Students should bring:

- Writing equipment
- Drawing/colouring equipment
- Notebook
- Water bottle
- Suitable clothing/footwear for outdoor breaks

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Chemistry Day: Solids, Liquids and Gases

Date of course	Times	Venue	Cost	Max. places	Subject
Wednesday 5 th February 2025	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

Course details

Exploring the realms of chemistry helps us understand the materials that form the world we live in, their characteristics and properties, how substances react together and the different states of matter. All vital to our existence and survival, and, wonderfully exciting to investigate. The course enables children to develop their scientific experiences and understanding. As scientists, they will be engaged by hands on, practical, activities and develop their thinking by considering theories and models. Together, we shall *build solid foundations of knowledge, *let our imaginations flow and our enthusiasm bubble over!

Guidance criteria for identifying participants:

- Have enquiring minds and a desire to explore.
- Enjoy science and question their surroundings, experiences and theories.
- Be able to work sensibly, 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-five years in education, he has been able to pursue his joint interests in science, leadership, and classroom practice. He was delighted to receive the National Primary Teaching Award from the Institute of Physics (IOP), is a Fellow of the Primary Science Teaching College, and a Fellow of the Royal Microscopical Society. Peter expanded his science outreach and work nationally through his roles in the Primary Science Teaching Trust. In his most recent adventure, he has begun working for a Science and Engineering company that specialises in research and innovation to develop the water industry.

As a result of attending the course you will have:

- Discover more about materials and their properties.
- Deepen your understanding of solids, liquids and gases (including changes of state).
- Be challenged by elements, atoms and molecules, thinking through how materials are constructed.

You will also:

- Discover the 'delights and mysteries' of gases by exploring carbon dioxide.
- Use a variety of everyday items to expand your understanding of chemistry.
- Apply your brain power as you grapple with scientific models to explain ideas and theories.

Students should bring:

- Pens, pencil or pencil case
- Water bottle
- Clothing you don't mind getting messy
- Outdoor clothing

Lunch and refreshments are provided.

School uniform is not required.

No mobile phones.

Year 5/6 pupils – Lego Engineering: It's good to 'torque'!

Date of course	Times	Venue	Cost	Max. places	Subject
Monday 10 th February 2025	9.30am – 3.30pm	Braeside Education Centre	£60	16	Science AGAT

Course details

The world around us is built on Engineering. We will make motorised Lego models to explore the role that gears play in everyday machines and learn how we can combine gears to increase speed or increase torque (by calculating ratios). Our first Lego build will have interchangeable gear ratios, combining speed and torque. Further builds will consolidate this concept using different types of gears and gear combinations. Our final activity will be a small-group, collaborative challenge to build the Lego machine that can lift the heaviest mass.

Guidance criteria for identifying participants:

Pupils should:

- Show enthusiasm for STEM activities.
- Be intrigued and curious by the world around us and 'how things work'.
- Be able to work independently and collaboratively to develop ideas and apply new concepts.
- Show resilience and the ability to persevere – Sir James Dyson took 5,127 attempts to perfect his cyclone vacuum cleaner!

Course Tutors

Cotswolds Young Engineers is run by husband-and-wife team **Paul & Julie Kirkham**. Julie is a qualified teacher with 25 years experience in KS1 & KS2, teaching in a variety of school environments to children with a diverse range of needs. Paul studied Engineering at Brunel University and is a Design Engineer with 25 years experience working with clients including Jaguar, Land Rover, Airbus and Dyson, and more recently the UK based F1 teams (McLaren, Red Bull, Mercedes, Alpine, Aston Martin, Williams and Haas).

As a result of attending the course you will have:

- Enjoyed and engaged in engineering concepts and scientific experimentation.
- Displayed the qualities of a successful engineer, by demonstrating creativity and innovation to solve technical problems both individually and in a team.
- Developed the ability to adapt to learning in a less familiar environment.

Students should bring:

- Pencil case
- Notebook
- Water bottle
- Clothing suitable for outdoor breaks

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**