Year 3/4 pupils – Matchstick Maths

Date of course	Times	Venue	Cost	Max. places	Subject
Friday 8th January 2027	**9.30am – 3.00pm**	**Braeside Education Centre**	**£65**	**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 wide range of settings has seen her inspire many gifted and talented pupils over some 20+ years. Louise is a passionate and adaptable educator, who has branched out to fulfil key roles such as Early Years Practitioner, one-to-one tutor, school governor, secondary language tutor and youth worker. She is currently a SEND teacher, a drama tutor for a national performing arts company, and a committed grassroots rugby coach. Louise thrives upon using Mathematics as a means of introducing pupils to concepts, skills and thinking strategies that are essential in day to day life. Scaffolding their delight in - and understanding of - mathematical problem-solving is something 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.