

## Year 4 pupils – Calculation Detectives

Date of course	Times	Venue	Cost	Max. places	Subject
Saturday 15 <sup>th</sup> January 2022	9.30am – 3.00pm	Braeside Education Centre	£60	16	Numeracy AGAT

### Course details

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

Pupils will experience a variety of contextual maths problems over the course of the day, with a focus on calculations and choice of operation. They will explore how to solve different mathematical problems looking at methods and strategies for doing this. The children will need to explain their problem-solving strategies and be able to identify and develop recording methods. All of this will build towards their final challenge as a 'Calculation Detective'. If you've got what it takes to join us, grab your notebook and join us for the day.

### Guidance criteria for identifying participants:

- Pupils with calculation skills and an interest in applying these in context.
- An ability to work independently but also to share / discuss their work
- The ability to work in unfamiliar conditions i.e. with other adults and children in a contextual setting
- A love of mathematics

### 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:

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

### Students should bring:

- Pencils and notepad
- Water bottle
- Clothes suitable for outdoor break

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**