

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

| Date of course                     | Times           | Venue                     | Cost | Max. places | Subject      |
|------------------------------------|-----------------|---------------------------|------|-------------|--------------|
| Saturday 22 <sup>nd</sup> May 2021 | 9.30am – 3.00pm | Braeside Education Centre | £60  | 15          | Science AGAT |

### Course details

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

### Guidance criteria for identifying participants

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

### Course tutor

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

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

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

### What you will take away with you

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

### Students should bring

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

**Lunch and refreshments are provided.**

**School uniform is not required.**

**No mobile phones.**