

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

Date of course	Times	Venue	Cost	Max. places	Subject
Wednesday 26 <sup>th</sup> 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.**