

### Dear Year 4 parents

Happy New Year! For half-term of Year 4, 'We Are All Scientists' is our school wide take on The Big Exhibition with an opportunity for parents to come and take a look at the children's learning.

### Dates for your diary

School reopens : **Mon Jan 6th**

Afternoon 'Science Open Day' for parents: **Mon Feb 3rd**

School closes for half-term holiday: **Fri Feb 14th**

### Mathematics

In the build up to May's multiplication tables check, the children will complete an unofficial MTC. In lessons we continue with both multiplication and division leading into the more formal methods of calculation that you might recognise from your school days. The children will also revisit perimeter by measuring and calculating the perimeter of regular polygons.

### Art

Children will look at different drawing techniques with pencil e.g. stippling, contour and cross-hatching. They will also explore mixing colours and colour theory.



## It's Shocking!

### Science

It's time for electricity in Year 4. The children will already be aware of electrical appliances in their homes but for this topic we will focus on battery operated devices, specifically simple circuits. The children will build circuits with bulbs and buzzers investigate how varying the power in the circuit affects the brightness of the bulbs. They will test different materials to see if they are insulators or conductors and fit switches into their circuits to control the flow of electricity. Finally the children will make use of their knowledge to build a switch controlled traffic light with red, amber and green bulbs; something they will be familiar with if they have driven along Green Lane recently!

### English

We begin with a unit on poetry and the children will be looking at the usual features associated with this genre such as onomatopoeia, figurative language and rhyme to make the ordinary seem extraordinary. Electricity seems to lend itself to non-fiction writing, specifically explanation texts, so we will be spending a few weeks looking at and writing examples of this.

### Computing

We plan to cover two units from our PurpleMash scheme of work. The first of these looks at the components of a PC. The second is an introduction to Artificial Intelligence, something that will have an increasing impact upon the children's lives.

### Physical Education

With no school swimming lessons until January 2026, the focus will now be on indoor PE and for this term, dance. Although lessons are on Tuesday and Thursday, please remember to have PE kits available in school all week

### Spanish

Children will be expressing likes and dislikes using me gusta and no me gusta as well as learning the names of fruit, vegetables and items of clothing. They will be able to say amounts of money in euros.