

As writers we will:

- Write instructions for investigations or inventions.
- Write biographies based on scientists of interest.
- Poems based around topics of science.
- Write a story that involves a scientist who invents something new.
- Add to a class science journal by writing up investigations.
- Write newspaper articles announcing the development of science e.g. the light bulb.

As readers we will:

- check our understanding of the texts we read by asking questions and discussing its meaning;
- summarise the main ideas;
- discuss and evaluate how authors use language, including figurative language, considering the impact on the reader;
- retrieve and record information from non-fiction to develop our knowledge for our theme this term.

As Global Citizens we will:

- Explore other religions and cultures through celebrating key religious festivals.
- We will look at creation stories and how this is questioned by theories of the Big Bang!
- We will highlight the work of female scientist through history.

In ICT we will:

- Use scratch to programme a character.
- Use search engines safely to deepen our knowledge of scientists.
- Learn more about how to be safe when online.

As artists and designers, we will:

- Draw scientists from our own perspectives of what they might look like.
- Explore the science of colour and colour theory, thinking about how our eyes see colour.
- Look at the work of the artist George Soret - pointillism.
- Using natural dyes and flour paste batik.
- Andy Goldsworthy – creating/ finding artwork and pattern in the natural environment.

Bright Sparks
Year 4
Autumn Term 2020



As scientists we will:

- Explore electricity and make a moving 'Frankenstein' with the circuits we make and explain how the different components work.
- Compare how different things move and know that some forces need contact.
- Separating materials – move this to chromatography and separating colour.
- Habitats and how animals evolve to survive.

Experiential learning opportunities:

- Visit Forest School site weekly. Work towards our Young Foresters Award.

As musicians we will:

- Learn to play the ukulele.
- Build on our knowledge of the different musical elements.
- Listen carefully to music and identify rhythm and instruments.

As mathematicians we will:

- Continue to practise and refine our methods for the four main operations; deepen our knowledge of and be able to reason about shape, space and measures; and look at further examples of data handling.
- Become fluent in recall of multiplication facts and the related division fact.

As linguists we will:

- Learn new vocabulary in French so that we can make sentences and have conversations.
- Investigate more about the culture and customs of French people.

As geographers we will:

- Learn more about Woodlands management and achieve our Young Foresters Award.
- Build on our learning of the water cycle and explore the journey of the raindrop down the river.

As historians we will:

- Research the Romans and look at their engineering e.g. aqueducts, their use of the sundial for telling the time.

In PE we will:

- Develop our understanding of net and wall games.
- Deepen our understanding of healthy living.