

**Learning Powers being developed this term:**

Making links

Noticing

Perseverance

Organisation

Bouncing Back

**Key questions running through the term:**

Which learning powers do key scientists and inventors have in common? What impact have key inventions have? How have others been influenced by key scientists and inventors? Who are Stephen Hawking, Libbie Hyman, Marie Maynard Daly, Alexander Fleming, Mary Leakey and Steve Jobs.

**As authors, we will...**

- Write an informal letter.
- Using elements from traditional fairy stories, write a completely new story.
- Write a hybrid text about the life of a famous author.
- Write an '-ology' book about a topic of their own choosing.
- Write an extended story.
- Write a poem in the style of I am Cat.



**As mathematicians, we will...**

- Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit
- Add and subtract whole numbers with more than 4 digits
- Multiply numbers up to 4 digits by a one- or two-digit
- Complete, read and interpret information in tables, including timetables

**As scientists, we will...**

Investigate the science behind the great scientists and inventors – linked to our topic. We will appreciate their struggles and work, while planning and conducting our own scientific enquiries. We will then be presenting findings from our investigations.

**As illustrators, we will...**

Explore contemporary works of art and how it compares to historical art. We will look at art from Damien Hirst, Banksy and others and create our own versions.

**How we would like your support this term:**

Encourage your child to read for at least 20 minutes a day. This may be with you or independently. Ask your child about their text. Check that they have completed their reading journal and sign it weekly.  
Homework each week:  
Spelling Frame  
Daily Reading

**As computer scientists we will....,**

- Learn how to keep ourselves safe on the internet.
- Develop our coding skills on Purple Mask.

**Spelling and Phonics:** This term we will...

Learn and use Year 5 and 6 statutory words  
Spell correctly words with letters which are not sounded e.g. knight, solemn  
Use the hyphen to join a prefix to a root e.g. re- enter.  
Spell most words with prefixes and suffixes in the YR 3-4 spelling appendix and some from the YR 5 6 e.g. cious, cial, ant, ent, ance, ence.

**Some of the books we will be enjoying include:**

- The Day the Crayons Quit (Fiction)
- Wallace and Gromit (Non fiction)
- Charles Dickens (Non fiction)
- Kensuke's Kingdom (Fiction)
- Animalium (Non fiction)
- Blackberry Blue (Fiction)

**In PSHE/Music/RE/MFL, we will learn...**

- PSHE- Being Me
- RE- What does it mean if Christians believe God is holy and loving?

**In PE we will learn...**

- Net and wall Games - Tennis
- Gymnastics - Counter Balances
- Invasion Games - Hockey
- Dance

**Trips, visitor, experiences:**

- 'A Christmas Carol' Workshop
- Sciencedipity workshop

**School Values being developed this term:**

Motivation

Health and Happiness

Partnerships

Aspiration and Attitude to Learning