

As writers, we will be learning how to identify and select vocabulary to create sinister poetry. We will then use the imagery from 'The Inventions of Hugo Cabret' to write our own mystery narratives. Later in the term, our writing will link to our DT and Computing curriculum by creating our own persuasive voice-overs for our iMovie film trailers.

As mathematicians, we will be learning how to divide when there is a remainder and represent this in equations. We will also be learning how to divide into tenths and hundredths as well as comparing, ordering and rounding decimals. We will also be exploring the measurement of area.

As scientists, we will be learning about electricity and how to create our own circuits. We will learn how to use switches, buzzers and lightbulbs within our circuits. We will then investigate and test a range of conductors and insulators to learn more about how electricity travels. Linking with our DT project, we will use our knowledge of circuits to add light bulb eyes to our Iron Man models.

As linguists, we will be continuing to learn conversational French, including introducing the possessive adjectives 'mon', 'ma' and 'mes' to describe classroom resources.

As readers, we will continue to learn how to clarify, predict, question and summarise texts. We will use the following key texts to do this: 'Cogheart', 'Rosie Revere, Engineer', 'Iron Man' and 'Wild Robot' as well as a range of non-fiction texts.

Incredible Inventions: How will you shape your future?

As spiritual learners, we will be learning about the qualities of leadership in religion, focusing on inspirational leaders from the Jewish faith, including Moses. We will explore how different communities work together and understand the impact of Jewish charitable organisations.

As members of the school community, we will be learning about relationships we have in our lives and how they may change over time. We will also learn about the appropriate use of touch as we grow older, and where to seek support and advice if required.

As designers, we will learn different joining techniques to design and create our own Iron Man made of recycled materials. We will use our newly-developed skills to ensure our Iron Man can move and fits our design brief.

As computer scientists, we will be investigating iMovie to create our own short films trailers for the story of 'The Iron Man'. We will learn how to sequence clips of mixed media, trim and cut our films, and add our own titles and transitions. We will then use our persuasive writing to create a voice-over for the trailer.

As athletes, we will be learning techniques to develop our athletic skills (running, throwing and jumping). Two classes will also be developing their vital swimming skills, whilst the other class will be learning how to create dances using a variety of movement patterns.

Key texts and complimentary reading:

The Iron Man – Ted Hughes

Cogheart – Peter Bunzl

The Inventions of Hugo Cabret – Brian Selznick

Brightstorm – Vashti Hardy

The Wild Robot – Peter Brown

Rosie Revere, Engineer – Andrea Beaty

100 Inventions that made History – DK

Great Women Who Changed the World – Kate Pankhurst