Enriching Learning- Spring Term 2026 - Rowan Class

English Activities:

- Find a science-themed book that you have enjoyed reading and write a book review for it.
- Explore the genre of Science-Fiction. How many books can you find that fit into this genre? What authors are famous for writing these types of books? What do the books have in common?
- Write your own Science Fiction story. Where and when will it be set? Who will the characters be?
- Create a setting for a distant planet or spacecraft. You could draw and colour your setting and then write a description for it.
- Write a newspaper article about a scientific discovery or natural disaster. You could report about the discovery of gravity, the discovery of penicillin or the eruption at Pompeii.
- Find facts and create a poster, fact file or biography about a significant individual in STEM. You could find out about Marie Curie, Albert Einstein, Isaac Newton, Charles Darwin, Stephen Hawking, Thomas Edison, Louis Pasteur, Mary Anning, Valentina Tereshkova or Brian Cox.
- Design a poster explaining how a piece of technology works or natural disaster occurs. How does a TV / phone / microwave work? How do earthquakes happen?
- Write a Science or Maths-based acrostic poem. Your main word could be a name of a famous scientist or key scientific term, such as: space, orbit, friction or force.

Maths Activities:

- ttrockstars activities Top Marks activities Maths frame activities
- Create your own recipe or follow one where you will need to weigh each ingredient using a scale. Try to pick a recipe where you can also practise your peeling and chopping skills.
- Create a questionnaire and gather data to present in a graph. You could ask your family about their favourite meal, what TV show they love the best or challenge them to a physical task.
- Find 2D and 3D shapes in your home and create a picture using them.
- Go to a shop with a family member and work out the total before getting to the till.
- Practise your measuring skills. Which of the cups in your house holds the most liquid? Are eggs all the same weight? How long does it take to cook pasta? You could write these up as an investigation and include a graph.

Topic Activities:

- Try stargazing. Pick a clear and dry night and look up to find stars, planets and maybe a comet.
- Create a 3D model of a scientific process or concept. It could be a model of the solar system, the inner workings of a volcano or the water cycle.
- Create a piece of Art using Maths.

- Have a go at some Science experiments. You could answer one of these questions:
  - What happens when you leave a rusty nail in cola?
  - What experiments can you plan with ice cubes, salt and sugar?
  - What happens when you mix oil and water?
  - Does an orange float? Does it float with its rind on?
  - Does toast always land butter side down?
  - Is sound louder through a balloon?
  - Can you make water bend without touching it?

- Learn or create your own song to teach others about a scientific concept such as the order of the planets or the water cycle.
- Create your own dance using the style 'robot'.
- Create a timeline of key scientific discoveries. You could focus on general discoveries or be more specific and look at developments in medicine, physics, maths or technology.

The following links will help you to develop your understanding of our topic this term:

Ducksters – Science BBC Bitesize Science kids

The above is a suggested list of ideas. If you would like to carry out your own project, we would be excited to see it. Homework should be handed in every Monday.