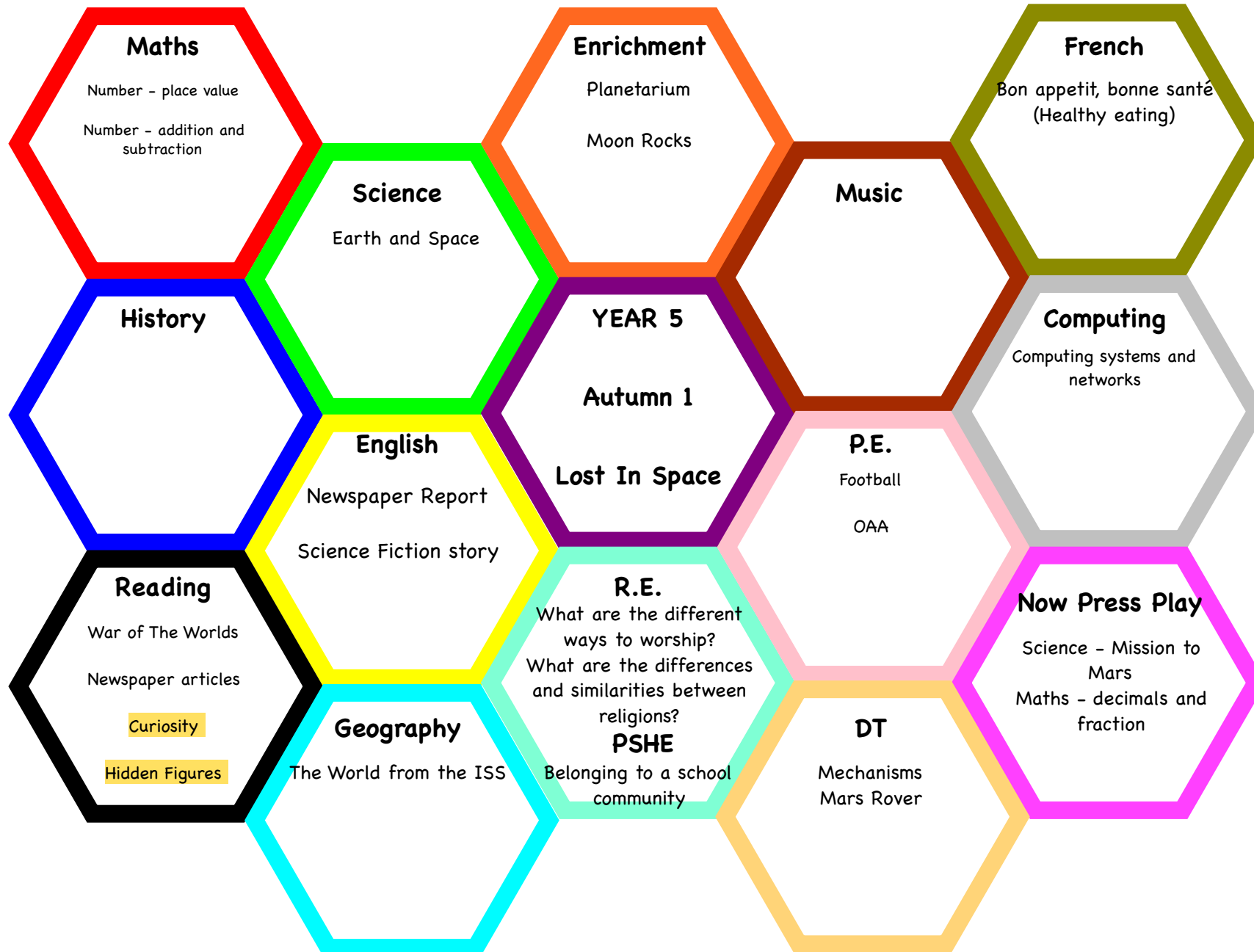


Year 5 Curriculum Overview



Geography

The World from the ISS

Identify the position and significance of latitude, longitude, Equator, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle. Understand that they are imaginary lines that circle the Earth.

- * Know the names of at least eight European countries.
- * Know the names of a number of European capitals.
- * Know all about different time zones and can work out differences.
- * Describe and understand key aspects of physical geography, including climate zones around the world
 - * Use 8 compass points confidently
 - * Use 4-figure grid references with confidence and accuracy
- * Begin to use 6-figure grid references to locate features on a map
- * Appreciate maps cannot show everything
 - * Recognise the world map as a flattened globe
- * know the names of and locate the four capital cities of England, Wales, Scotland and Northern Ireland (Y1/Y3)
- * use maps and globes to locate the Equator and the Tropics of Cancer and Capricorn (Y3)
- * know how to use graphs to record features such as temperature or rainfall across the world
- * know where the Equator, Tropic of Cancer and Tropic of Capricorn are on a world map
- * know what is meant by the term 'tropics'
- * use maps and globes to locate the Greenwich Meridian

History

Science

Scientific Enquiry

- *I can plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.
- *I can take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat findings when appropriate (Shadow distances).
- *I can record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.
- *I can record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs (Sun rise and set times).
- *I can talk about and present findings from enquiries, including conclusions, causal relationships and explanations of how reliable the information is.
- *I can identify scientific evidence that has been used to support or refute ideas or arguments.

Scientific Knowledge

- *I can describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
 - *I can describe the movement of the Moon relative to the Earth.
- *I can describe the Sun, Earth and Moon as approximately spherical bodies.
- *I can use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.