Term 2 - Fireworks

What I am learning this term

The firework maker's daughter/clockwork – Philip Pullman **Key Skills**

HOLLINGTON PRIMARY ACADEMY

Subject	I can…..	Where can you find it?
Maths	• Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication. • Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.	--
English	• Identify the audience for writing. • Choose the appropriate form of writing using the main features identified in reading. • Note, develop and research ideas. • Plan, draft, write, edit and improve.	Create fact files on the history of fire works Diaries Letters
Science	**To understand movement, forces and magnets:** • Describe magnets as having two poles. • Predict whether two magnets will attract or repel each other, depending on which poles are facing. • Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. • Identify the effect of drag forces, such as air resistance, water resistance and friction that act between moving surfaces. • Describe, in terms of drag forces, why moving objects that are not driven tend to slow down. • Understand that force and motion can be transferred through mechanical devices such as gears, pulleys, levers and springs. **To work Scientifically:** • Plan enquiries, including recognising and controlling variables where necessary. • Use appropriate techniques, apparatus, and materials during fieldwork and laboratory work. • Take measurements, using a range of scientific equipment, with increasing accuracy and precision. • Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models. • Report findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions. • Present findings in written form, displays and other presentations. • Use test results to make predictions to set up further comparative and fair tests. • Use simple models to describe scientific ideas, identifying scientific evidence that has been used to support or refute ideas or arguments.	Develop enquiry questions (**planning**) Create a scale model of the solar system (**exploring/analysing secondary sources**) Create an orrery to explore heliocentricity (**exploring/analysing secondary sources**) Create a shadow clock to explore day and night (**observing over time**) Create a sundial and explore time zones (**exploring/analysing secondary sources**) Investigate moon phases (**exploring/analysing secondary sources**

Computing	Text (can also add graphics and sound) Learn how to use software, hardware and applications Review and analyse use. Devise and construct databases using applications designed for this purpose in areas across the curriculum.	Design poster for a bonfire event
Art	• Collect information, sketches and resources and present ideas imaginatively in a sketch book. • Use the qualities of materials to enhance ideas. • Build up layers of colours.	Firework art Fireworks printing Make Catherine wheels Firework skylines
History	• Understand the concepts of continuity and change over time, representing them, along with evidence, on a time line. • Use dates and terms accurately in describing events.	Research Guy Fawkes Story Maps of Guy Fawkes Poetry Diaries
Music	Sing for an audience	Create a performance - choir Singing
RE	Why is Muhammad important to Muslims?	See separate plan
Community	Firework displays	Experiences of being at a firework display.
Knowledge of the World	History/Geography link	History of fireworks
PSHE	Health and wellbeing – How to become a healthy adult.	Design a healthy meal Discussions Posters
Aspiration	Firework maker's daughter/Clocks – opportunities for future prospects	
British Values	History of Guy Fawkes and the impact on Britain	Character portraits/Story boards – Wow board

Homework Ideas

Homework booklet – linked into maths objectives and English
Design the perfect Christmas gift