

Term 3

What I am learning this term

Topic - Space

Key Skills

POR text - Cosmic By Frank Cottrell Boyce



HOLLINGTON
PRIMARY
ACADEMY

Subject	I can....	Where can you find it?
Maths	<p>Number: Fractions</p> <p>Compare and order fractions whose denominators are multiples of the same number.</p> <p>Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.</p> <p>Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example $1\frac{1}{2} = 1\frac{1}{2}$].</p> <p>Add and subtract fractions with the same denominator and denominators that are multiples of the same number.</p> <p>Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.</p> <p>Read and write decimal numbers as fractions [for example $0.71 = \frac{71}{100}$].</p> <p>Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</p>	Fractions - word problems relating to space
English	<ul style="list-style-type: none"> • 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. • Guide the reader by using a range of organisational devices, including a range of connectives. 	News reports, Character analysis, instructional writing of rockets, story writing,
Science	<p>To understand the Earth's movement in space:</p> <ul style="list-style-type: none"> • Describe the Sun, Earth and Moon as approximately spherical bodies. • Use the idea of the Earth's rotation to explain day and night. <p>To work Scientifically:</p> <ul style="list-style-type: none"> • Use simple models to describe scientific ideas, identifying scientific evidence that has been used to support or refute ideas or arguments. • 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. 	Trip to Herstmonceux Observatory Diagram's Comparisons Fact files
History	<ul style="list-style-type: none"> • Use literacy, numeracy and computing skills to a exceptional standard in order to communicate information about the past. • Use original ways to present information and ideas. <p>Use sources of evidence to deduce information about the past.</p> <ul style="list-style-type: none"> • Select suitable sources of evidence, giving reasons for choices. • Use sources of information to form testable hypotheses about the past. • Seek out and analyse a wide range of evidence in order to justify claims about the past. 	Create a profile on an astronaut Space race - cold war
DT	• Cut materials with precision and refine the finish with appropriate tools (such as sanding wood after cutting or a more precise	Make a rocket

	scissor cut after roughly cutting out a shape). • Show an understanding of the qualities of materials to choose appropriate tools to cut and shape (such as the nature of fabric may require sharper scissors than would be used to cut paper).	Make a model of the solar system
Computing	Coding Troubleshooting How computers work • Use specified screen coordinates to control movement. • Set the appearance of objects and create sequences of changes. • Create and edit sounds. Control when they are heard, their volume, duration and rests. • Control the shade of pens. • Specify conditions to trigger events. • Use IF THEN conditions to control events or objects. • Create conditions for actions by sensing proximity or by waiting for a user input (such as proximity to a specified colour or a line or responses to questions). • Use variables to store a value. • Use the functions define, set, change, show and hide to control the variables. • Use the Reporter operators	Learn pads Design a space journey programme
RE	Stories of Hinduism	See separate plans
Community	Exhibition of art work	Exhibit rockets, planets and computer programmes in small hall or display boards.
Knowledge of the World	Compare countries/technology in the space race	In History
PSHE		
Aspiration	Becoming an everyday hero	Astronaut profiles
British Values	Becoming a better citizen (pay it back/random acts of kindness)	

Homework Ideas

Homework booklets, Spellings, Reading, Create a space rocket from home sourced materials

