



At Churchwood Everyone Can

Year: 5	Term: 4
Topic Name: Cosmic	
Subject / Topic Focus: Science	

Grand Finale... Science Fair – Space themed diorama.

**Wow Starter
Portable
observatory
visiting school.**

**A visitor from ... Science portable
observatory.**

Everyone Can Curriculum Coverage

Subject	Topic	Coverage
Science	To understand the Earth's movement in space	<p>To work scientifically:</p> <ul style="list-style-type: none"> • 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. <p>Knowledge:</p> <ul style="list-style-type: none"> • Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. • Describe the movement of the Moon relative to the Earth. • Describe the Sun, Earth and Moon as approximately spherical bodies. • Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. <p>Rule of law Individual liberty Mutual respect</p>

Computing	Code.org – course 2	<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</p> <p>Use variables, sequence, selection, and repetition in programs Use logical reasoning to explain how increasingly complex algorithms work and to detect and correct errors in algorithms and programs efficiently</p> <p>Rule of law Individual liberty Mutual respect</p>
Design Technology	Making & coding the solar system	<p>Computing:</p> <ul style="list-style-type: none"> • Write code to control and monitor models or products. <p>Individual liberty</p>
Music	Charanga	<p>Charanga Mutual respect</p>
P.E	PE Syllabus	<p>Gymnastics Mutual respect</p>
R.E	ESCC Agreed Syllabus	<p>The Eucharist/Mass/Holy Communion Tolerance</p>
PSHE	PSHEe Syllabus	<p>Good to be me Book week</p>

		Democracy Rule of law Individual liberty Mutual respect Tolerance
MFL	Mandarin Club French Club	Mutual respect
British Values	Democracy Rule of law Individual liberty Mutual respect Tolerance	Integrated with foundation subjects

Vocabulary, Punctuation and Grammar focus:	<p>Devices to build cohesion within a paragraph (e.g. then, after that, this, firstly.)</p> <p>Linking ideas across paragraphs using adverbials of time (for example later), place (for example nearby) and number (for example, secondly) or tense choices.</p> <p>Converting nouns or adjectives into verbs using suffixes (for example, -ate; -ise; -ify)</p> <p>Expressing time, place and cause using conjunctions (for example, when, before, after, while, so, because) adverbs, (for example, next, soon, therefore) or prepositions, (for example, before, after during, in because of).</p> <p>Use of inverted commas and other punctuation to indicate direct speech(for example, a comma after the reporting clause; end punctuation within inverted commas; the conductor shouted, "Sit down!")</p>
Spelling Focus	<p>Progression in spelling follows Spelling Bank material and Support for Spelling to show weekly progression.</p>
Linked Extended Writing:	<p>Newspaper article on a boy in space</p> <p>Instructions & explanations: how to get to space & an invention to take.</p>
Cross curricular Maths opportunities:	<p>Time and distance – space.</p>
Early Morning Maths Focus:	<p>Multiplication.</p>

Target Writing:

Using a wider range of vocabulary. To be determined according to needs.