



Week	Learning experience	Discrete		
	Guide to the Milky Way Experience	Literacy	Maths	Other
1	<p><b>COLD TASK</b></p> <p><b>Know</b> that there are different types of scientific enquiry.  <b>Know</b> that the Sun, Earth and Moon are described as approximately spherical bodies and <b>understand</b> how this knowledge has been attained.  <b>Identify</b> scientific evidence that has been used to support or refute ideas or arguments.  <b>Know</b> the context in which ideas changed from a flat earth theory to a round Earth theory.  <b>Use and apply knowledge</b> of flat and round earth theories to write an explanation of the differences in the theories.</p>	<p>Write a character profile.            Write a short explanation text.</p>	<p>Problem solving and reasoning using addition and subtraction.            Creating reasoning chains.            Dividing using short division.            Dividing using long division.</p>	<p>PE            French            Music</p>
2	<p><b>Apply knowledge</b> gained so far about the Solar system to place the planets in order and create a sketch of where the planets are situated and how large they are in comparison to one another.  <b>Demonstrate</b> creating a mnemonic the order of the planets.  <b>Know and understand</b> the Geocentric and Heliocentric theories on how the planets move.  <b>Apply knowledge</b> of the theories studied to choose a scientist to research and how their research moved these theories forward.</p>	<p>Write a diary entry in character.            Short biography of a scientist.</p>	<p>Factors, primes and multiples.            Problem solving and reasoning using division.            Finding equivalent fractions.            Simplifying fractions.</p>	<p>PE            French            Music</p>
3	<p><b>Know</b> the difference between night and day.  <b>Understand</b> how the rotation of the Earth causes night and day.  <b>Demonstrate</b> other evidence to prove the Earth moves.  <b>Understand</b> how night and day occur in other parts of the world.  <b>Know</b> that there are many different time zones across the world.  <b>Use and apply</b> time zone <b>knowledge</b> to calculate the time in different places in the world.</p>	<p>Write a recount of events.</p>	<p>Compare and order fractions.            Understanding improper fractions and mixed numbers.            Add and subtract fractions.</p>	<p>PE            French            Music</p>
4	<p><b>Know and understand</b> how the Moon moves  <b>Know</b> that gravity enables planets to orbit successfully.  <b>Understand</b> different Moon phases.  <b>Apply and demonstrate</b> Moon phases by creating a pictorial design.</p> <p><b>HOT TASK</b></p>	<p>Write a newspaper report.</p>	<p>Solve problems and reason using addition and subtraction of fractions.            Multiplying and dividing fractions (including mixed numbers).</p>	<p>PE            French            Music</p>