

**Year 7 Learning Map**

<b>C3 - Earth Structure and Universe</b>				
<b>Prior Learning</b> This topic builds on the Key Stage 2 Science curriculum, comparing and grouping together different kinds of rocks based on their appearance and simple physical properties. You should also be able to describe how fossils are formed when living organisms are trapped within rock over millions of years.		<b>Current Learning</b> In this topic you will learn about the structure of the earth and the universe. You will learn about different types of rocks and how they move through the rock cycle.		<b>Subsequent Learning</b> This topic will link to C3 in Year 8 where you will study global warming and climate change. You will also look at how metals are extracted from the earth. It will also prepare you for GCSE Physics, where in C4 you will look at the earth's early atmosphere and conditions on earth.
<b>Lesson Sequencing</b>		<b>Tier 3 Vocabulary</b>	<b>Wider Reading Opportunities</b>	<b>Ways in which parents/carers can support</b>
Lesson 1	Structure of the earth	Weathering Minerals Sedimentary rocks Igneous rocks Metamorphic rocks Strata Light year Galaxy Erosion Exoplanet	'KS3 CPG Science Revision Guide' contains useful revision materials for the science course.  Unlocking the Universe by Stephen Hawking and Lucy Hawking	Encourage students to use their course home learning booklets to revise and practice key information after each lesson.  Ensure students are accessing Microsoft Teams to complete work directed by their teachers.
Lesson 2	Types of rock			
Lesson 3	The rock cycle			
Lesson 4	Day and night			
Lesson 5	The universe			
Lesson 6	Predict planet conditions from rocks			
Lesson 7	History of space exploration			
Lesson 8	Planets in the solar system			
Lesson 9	Directed improvement and reflection time			
Lesson 10	P3/C3 assessment			