

Year 7 Off line Science work tracker

		Lesson date	Period	Title	Page ref	Lesson details	Additional resources	Completed?
Week B	Monday	20.04.20		Earth 1				
	Tuesday	21.04.20	P3	The structure of the Earth	138-139	<p>Choose the most appropriate task for your ability.</p> <p>Low (for those who need TA support in lessons) - Task 1:</p> <p>Complete the attached worksheet. Page 3&4 are the mark scheme.</p> <p>Medium - Task 2:</p> <p>Using the Activate 1 textbook p138-139 The Structure of the Earth. Sketch the diagram of the Earth and label the different layers. Complete the summary questions.</p> <p>High - Task 3:</p> <p>Draw and label a diagram to show the structure of the Earth. Describe the properties of each of the different layers. Research how scientists know what the inside of the Earth looks like. What does a geologist do?</p>	Structure of the Earth Worksheet	

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	Wednesday	22.04.20	P4	Sedimentary rocks	140-141	Using Activate 1 p140-141 and read carefully. Choose the most appropriate task from below. Task 1 (for those with TA support) - Answer questions A-C. Find out what is meant by the term weathering. Then using the textbook identify the three different types of weathering. Task 2 (medium) - Answer the summary questions. Task 3 (high) - Produce a flow diagram to explain how new sedimentary rocks are formed (summary question 1 will help). Research what happens during the three different types of weathering. Can you find out how fossils are made?	Textbook only	
	Thursday	23.04.20	P3	Weathering	141	Choose the most appropriate task from below: Low (For those needing TA support) - Draw three different pictures to show the three different types of weathering (chemical, physical & biological). Most - Complete the attached worksheet to investigate the three different types of weathering.	Weathering worksheet	
	Friday	24.04.20						
k A	Monday	27.04.20						

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		Lesson date	Period	Title	Page ref	Lesson details	Additional resources	Completed?
Wee	Tuesday	28.04.20	P2	Igneous & metamorphic rocks	142-143	<p>Using Activate 1 p142-143 Igneous and metamorphic rocks chose the most appropriate task from the one listed below:</p> <p>Task 1 (for those who have TA support): How are igneous rocks formed? Name three examples. How are metamorphic rocks formed? Name three examples.</p> <p>Task 2 (medium): Answer the summary questions to explain the differences between igneous and metamorphic rocks.</p> <p>Task 3 (higher): Answer summary question 1 & 2. Research the properties of pumice. What type of rock is it? How was it formed?</p>	Textbook only	

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Wednesday	29.04.20	P3	The rock cycle	144-145	<p>Using Acitvate 1 p144-145 The rock cycle complete the task that is most appropriate. You do not have to use the diagram from the textbook.</p> <p>Task 1 (for those with TA support): Draw the poster of the rock cycle highlighting how one rock can be changed in to another.</p> <p>Task 2 (medium): Draw a poster of the rock cycle. Explain how mountains are formed by answering summary Q1.</p> <p>Task 3 (Higher): Draw a poster of the rock cycle. Research what causes the uplift that creates mountains.</p> <p>If you would rather not draw the rock cycle then please complete the rock cycle cut and stick activity.</p> <p>Optional Practical activity - Modelling the rock cycle using chocolate. Health & Safety - Please ensure an adult is present when completing. Use a cheese grater instead of a knife. Take care when removing your foil from the hot water. Record your results on the worksheet.</p>	Rock cycle jigsaw. Rock cycle modelling worksheets. Texbook	

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		Lesson date	Period	Title	Page ref	Lesson details	Additional resources	Completed?
	Thursday	30.04.20	P5	Rocks summary task	N/A	<p>This is to be completed over two lessons:</p> <p>The Rock Cycle – Your task is to produce either a PowerPoint presentation or poster describing key features of the rock cycle. Use the information from the previous lessons to help.</p> <p>If completing as a PowerPoint presentation (remember you can access PowerPoint from your school email account) use the following headings to help.</p> <p>1.Title page – Find a simple diagram of the rock cycle and describe what the rock cycle is.</p> <p>2.Igneous rocks –</p> <p style="padding-left: 20px;">a.Explain how they are formed.</p> <p style="padding-left: 20px;">b.Describe how changing the rate of cooling affects crystal size in igneous rocks – use pictures to show the difference</p> <p>3.Sedimentary rocks –</p> <p style="padding-left: 20px;">a.Explain how sedimentary rocks are formed.</p> <p style="padding-left: 20px;">b.Describe how fossils are formed.</p> <p>4.Metamorphic rocks –</p> <p style="padding-left: 20px;">a.Explain how they are formed.</p> <p>If completing on paper you do not need to complete a rock cycle diagram as you will have done this last lesson.</p>	Previous work, textbook.	
	Friday	01.05.20						
XB	Monday	04.05.20						

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	Lesson date	Period	Title	Page ref	Lesson details	Additional resources	Completed?	
Wee	Tuesday	05.05.20	P3	Rocks summary task	N/A	Same as last lesson	Previous work, textbook.	
	Wednesday	06.05.20	P4	The carbon cycle & global warming	N/A	Choose the most appropriate task from below: Low (For those who need TA support) - Research and draw a diagram to show how photosynthesis, respiration and combustion are linked in the carbon cycle. Most - Complete the attached worksheet.	Global warming worksheet	
	Thursday	07.05.20	P3	Ceramics	146-147	Using Activate 1 p146-147 Ceramics. Read carefully then complete a fact sheet or poster on ceramics Your poster needs to answer the following: Low: What is a ceramic? Produce a list of ceramic properties. Medium: Same as above but give some examples of how the properties can be used to make useful products. High: Same as above but explain why ceramics have the properties that they have.	Textbook only	
	Friday	08.05.20						
kA	Monday	11.05.20						

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		Lesson date	Period	Title	Page ref	Lesson details	Additional resources	Completed?
Week A	Tuesday	12.05.20	P2	Review task	148-149	<p>Please use the attached files to review and mark the work that you have completed.</p> <p>Task 1 - Tick the subject knowledge that you know from the review sheet.</p> <p>Task 2 - Mark any textbook book work that you have completed using the mark guide attached below.</p> <p>Task 3 - Complete the Seneca learning task or if you have limited internet access complete the questions at the end of the chapter p148-149.</p>	Rocks review sheet. Activate 1 Answers. Textbook.	
	Wednesday	13.05.20	P3					
	Thursday	14.05.20	P5					
	Friday	15.05.20						
Week B	Monday	18.05.20						
	Tuesday	19.05.20	P3					
	Wednesday	20.05.20	P4					
	Thursday	21.05.20	P3					
	Friday	22.05.20						