

All Saints Multi Academy Trust, Birmingham  
**Home Learning**

<p style="text-align: center;"><b>LKS2 Science Week 1</b></p> <p style="text-align: center;"><b>Rock Cycle</b></p> <p>45 – 60 minutes daily</p> <p><a href="https://classroom.thenational.academy/units/rock-cycle-bd29">https://classroom.thenational.academy/units/rock-cycle-bd29</a></p> <p>Make sure you are completing your work in your work book or on a piece of paper.</p> <p>Remember, your work can be photographed and emailed for weekly feedback.</p> 		Monday	Tuesday	Wednesday	Thursday	Friday
		Learning Objective	<p style="text-align: center;"><b>Lesson 1 Igneous Rock</b></p> <p><u>LO: To understand how igneous rock is formed</u></p>	<p style="text-align: center;"><b>Lesson 2 Metamorphic Rock</b></p> <p><u>LO: To understand how metamorphic rock is formed</u></p>	<p style="text-align: center;"><b>Lesson 3 Sedimentary Rock</b></p> <p><u>LO: To understand how sedimentary rock is formed</u></p>	<p style="text-align: center;"><b>Lesson 4 Earth's Surface</b></p> <p><u>LO: To understand how the rocks on the Earth's surface changes.</u></p>
Lesson Link	<p><a href="https://classroom.thenational.academy/lessons/how-is-igneous-rock-formed-70v66r">https://classroom.thenational.academy/lessons/how-is-igneous-rock-formed-70v66r</a></p>	<p><a href="https://classroom.thenational.academy/lessons/how-is-metamorphic-rock-formed-c4uk8d">https://classroom.thenational.academy/lessons/how-is-metamorphic-rock-formed-c4uk8d</a></p>	<p><a href="https://classroom.thenational.academy/lessons/how-is-sedimentary-rock-formed-6tj3ae">https://classroom.thenational.academy/lessons/how-is-sedimentary-rock-formed-6tj3ae</a></p>	<p><a href="https://classroom.thenational.academy/lessons/how-do-the-rocks-on-our-earths-surface-change-65jkjt">https://classroom.thenational.academy/lessons/how-do-the-rocks-on-our-earths-surface-change-65jkjt</a></p>	<p><a href="https://classroom.thenational.academy/lessons/what-are-the-steps-in-the-rock-cycle-74v6cr">https://classroom.thenational.academy/lessons/what-are-the-steps-in-the-rock-cycle-74v6cr</a></p>	
Lesson outline	<p>We are going to be learning about igneous rock. We are going to learn about the structure of the Earth, how to recognise igneous rock and some of the uses of igneous rock. We will also learn how igneous rock is made, using ice and chocolate as a model! You will need a piece of paper and a pencil for this lesson.</p>	<p>We are going to learn about metamorphic rock! We are going to learn why it is called metamorphic rock and how it is made. Then we will look at some different examples of metamorphic rock and discuss how their properties make them fit for their uses. For this lesson, you will need a pencil, a piece of paper and a ruler.</p>	<p>We will learn about our third type of rock: sedimentary rock. We will look at the steps needed to make sedimentary rock and how fossils are formed in sedimentary rock. We will then learn what a palaeontologist is and identify some different fossils. For this lesson you will need a piece of paper and a pencil.</p>	<p>We will learn how rocks change. We will look at rocks as big as mountains and as small as a grain of sand and learn the processes that form each. We will look at erosion, weathering and the movements of tectonic plates. You will need a piece of paper and a pencil for this lesson.</p>	<p>We will learn each of the steps of the rock cycle. We will learn how igneous, sedimentary and metamorphic rocks are all connected through a demonstration involving jelly beans! You will need a piece of paper, a pencil and a ruler for this lesson</p>	
Extra Notes	<p>Look at the star words. Use the information to answer the key questions. Complete the table of the different rocks. Complete exit quiz!</p>	<p>Don't forget to complete the Intro Quiz! Look at the properties and uses of the different rocks. Complete exit quiz!</p>	<p>Don't forget to complete the Intro Quiz! Recap intrusive and extrusive rocks from igneous rocks. Look at how sedimentary rocks are formed. Complete exit quiz!</p>	<p>Recap the different type of rocks. Watch the experiment. Thinking about the key words. Answer the questions in full sentences. Complete exit quiz</p>	<p>Don't forget to complete the Intro Quiz! Learn the definitions for key vocabulary. Plain paper would be better to be able to draw on and complete your rock cycle on. Complete exit quiz</p>	

Week beginning Monday 18<sup>th</sup> January 2021