

Year 3 A - E - Science

Subject	Science
Class/Division	Year 3 A-E
Week	28 (7th March to 11th March, 2021)
Work sent to students via	Group email/Zoom classes
Total number of lessons per week	3 Synchronous and 1 Asynchronous
Unit-6	Rocks and soils
Lesson 1	<p>Learning objective: Identify the different types of rocks.</p> <p>Learning outcome: By the end of the lesson, students can-</p> <ul style="list-style-type: none"> • Know that igneous rocks are formed by cooling of lava from a volcano. • Know that weathering is breaking down of rocks into small sand particles. • Know that erosion is movement of rock particles by wind and water. • Know sedimentary rocks are formed by hardening of sand. • Know that metamorphic rocks are formed when one rock is changed into another type.
Resources	<p>1. Power Point Presentations for the live zoom lessons (child friendly/self explanatory)</p> <p>2.Video https://www.youtube.com/watch?v=CeuYx-AbZdo</p> <p>3. Active learn Rock formation- https://www.activelearnprimary.co.uk/resource/412312</p>
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Lesson 2	<p>Learning objective: Describe in simple terms how fossils are formed when things that have lived are trapped within rock.</p> <p>Learning outcome: By the end of the lesson, students can-</p> <ul style="list-style-type: none"> • Understand that fossil is the remains of a once living creature that has long since died. • Know that the fleshy parts of animals rot away when they have died and the hard skeleton or shell can remain long enough to become fossilised. • Describe the process of fossil formation. (Only 3 stages). • Know that fossils are changed into sedimentary rock. • Realise that not all animals and plants that die become fossils. • Know that a palaeontologist is a person who studies about fossils.
Resources	<p>1. Power Point Presentations for the live zoom lessons (child friendly/self explanatory)</p> <p>2.Video https://www.youtube.com/watch?v=xQBkawjFVIA</p> <p>3. Active learn Fossil formation- https://www.activelearnprimary.co.uk/resource/412313</p>
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Lesson 3	<p>Learning objective: Compare different rocks based on their hardness using Mohs' scale</p> <p>Learning outcome: By the end of the lesson, students can -</p> <ul style="list-style-type: none"> • Understand Mohs' scale of measure of hardness • Know that different rocks have different hardness • Know that a hard rock is difficult to scratch. • Realise that a hard rock will always leave a mark on the softer rock on scratching.

Resources	<p>1. Power Point Presentations for the live zoom lessons (child friendly/self explanatory)</p> <p>2. Video https://www.youtube.com/watch?v=xZUgWzRpA-4 https://www.youtube.com/watch?v=9r7C5SD14Hw&list=PLFMDdWlwyVrkGhMNQfTYSGInkKN4Stp7m&index=18</p> <p>3. Active learn Mohs' scale-https://www.activelearnprimary.co.uk/resource/412311</p>
Task	Rocks and soils, workbook page 9