

# S2 Topic 1 – School of Rock

## **Task 1 – Describing Rocks Worksheet**

- Read the text
- Look at the pictures
- Answer the questions

## **Task 2 – Physical and Chemical Weathering Worksheet**

- Read the text
- Look at the pictures
- Write out the sentences and add the missing words using the word bank

## **Task 3 – Watch Videos on the Rock Cycle**

- <https://www.youtube.com/watch?v=jP1qbwSGmNs>
- <https://www.youtube.com/watch?v=7CnjoCu1154>
- The magic school bus' on Netflix - Season 1 Episode 4 is called 'The battle for rock mountain' – it is a bit young for you but covers all the right Science

## **Task 4 - Sedimentary Rock Worksheet**

- Read the text
- Cut and Stick or Draw the different layers of rock in the right order
- Answer the questions

## **Task 5 – Metamorphic Rock Worksheet**

- Read the text
- Fill in the blanks using the word bank
- Complete the table using the word bank – use an internet search to help

## **Task 6 – Igneous Rock Worksheet**

- Add the words to the diagram – your videos from Task 3 will help

## **Task 7 – The Rock Cycle Worksheet**

- Complete the Diagram – your videos from Task 3 will help

## **Task 8 – Orkney Rocks Research and Report**

<b>Option 1</b>	<b>Option 2</b>	<b>Option 3</b>
St Magnus Cathedral	The Old Man of Hoy	Fossils in Orkney
<ul style="list-style-type: none"> <li>• What kind of rock?</li> <li>• Where does it come from?</li> <li>• Explain how this rock type forms</li> <li>• Include a Picture or Map</li> </ul>	<ul style="list-style-type: none"> <li>• What kind of rock?</li> <li>• How is this kind of rock formed?</li> <li>• Describe how weathering would have caused the stack to form</li> <li>• Include a Picture or a Map</li> </ul>	<ul style="list-style-type: none"> <li>• Can you find them?</li> <li>• Where?</li> <li>• What kinds of fossils?</li> <li>• Explain how fossils form in the rock</li> <li>• Include a Picture or a Map</li> </ul>

**Submit your finished report by attaching it to the Assignment in Teams**

## **Extension Task 1 – Out in all Weathers Worksheet**

## **Extension Task 2 – Dating Rocks using Fossils Worksheet**