

## Properties of rocks

Using the presentation and some videos, explore the different properties of rocks. Find out what the following words mean:

|                    |  |
|--------------------|--|
| <b>Permeable</b>   |  |
| <b>Impermeable</b> |  |
| <b>Durable</b>     |  |
| <b>Density</b>     |  |

Be a rock detective - types of rocks

<https://www.youtube.com/watch?v=tNs1gqkYerg>

<https://www.youtube.com/watch?v=CeuYx-AbZdo>

Science Investigation - testing the permeability of different rocks

<https://www.youtube.com/watch?v=gi3SXOMNLKg>

Measuring permeability and porosity of rocks

<https://www.youtube.com/watch?v=4DvIW1ec0Jc>

Uses of rocks in our everyday lives

<https://www.youtube.com/watch?v=6OwmYyCaUgQ>

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

**OLI: To identify properties of rocks**

Put the name of the rock in the column and tick/cross each column to describe the properties of the rock.

| <b>Name of Rock</b> | <b>Permeable</b><br>Does it allow water to pass through? | <b>Durable</b><br>Is it hard wearing? | <b>Density</b><br>Is it high density (sinks) or low density (floats)? | <b>Hard or Soft</b> |
|---------------------|--|---------------------------------------|---|---------------------|
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Challenge: Can you explain how you know?