

Name:

WORKSHEET

What is PHYSICAL WEATHERING?

This page is about physical weathering - which is caused by physical changes such as **changes in temperature, freezing and thawing**, and the **effects of wind, rain and waves**.

1. Complete the following paragraph with the correct words shown below.

cooled

contracts

hot

expands

When a rock gets hot it _____ a little, and when a rock gets cold it _____ a little. If a rock is heated and _____ many times, cracks form and pieces of rock fall away. This type of physical weathering happens a lot in deserts, because it is very _____ during the day but very cold at night.

2. Look at the table. It contains ways rocks can be weathered. It also contains ways rocks can be eroded.

Find the methods of physical weathering. Colour them.

Water freezing in cracks in the rock	Glaciers (rivers of ice)
Rainwater	Expansion and contraction
The sea	Mountains
volcanoes	Repeated heating and cooling



