

Read p. 295-296

The Rock Cycle

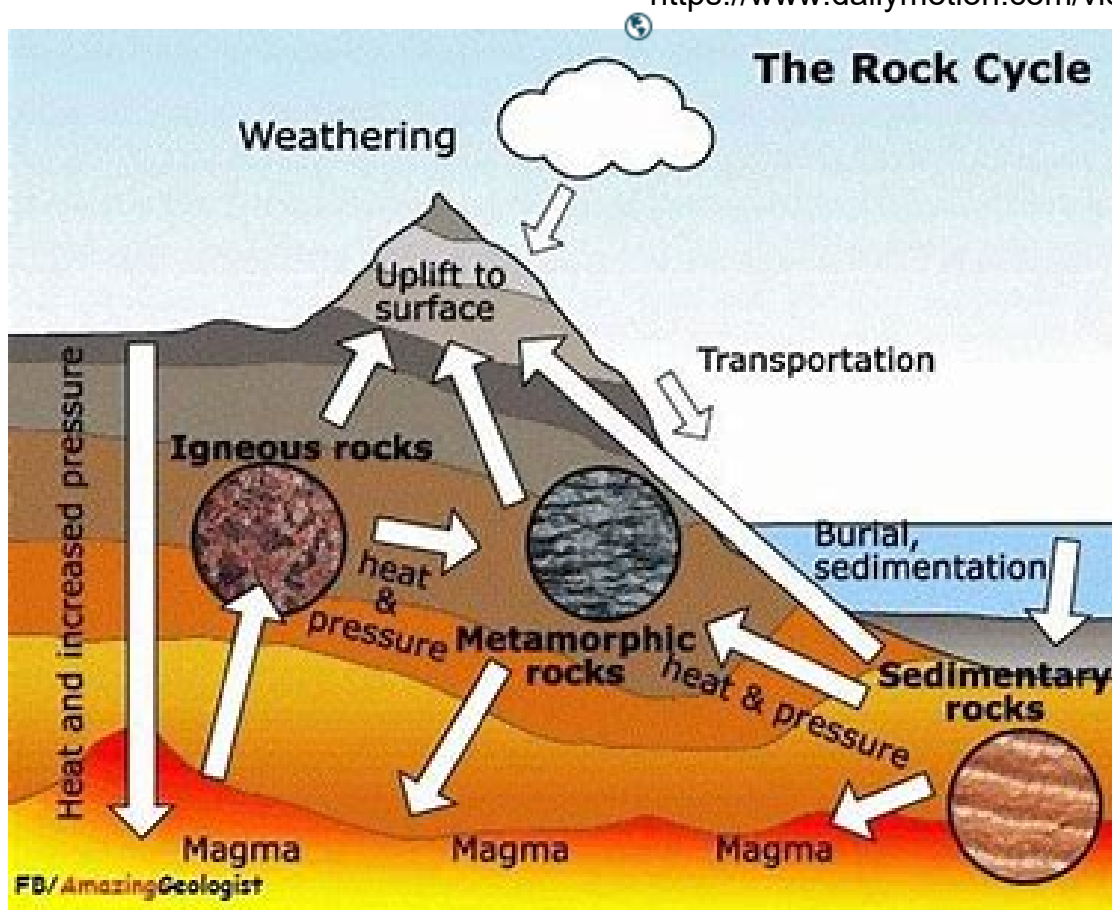
311-2

Weathering: Sediment comes from larger rocks that have broken down or worn away by a natural process called weathering.

This can happen mechanically, chemically or biologically.

[Bill Nye - The Science Guy - S03 - E04 - Rocks & Soil](https://www.dailymotion.com/video/x3jyuty)

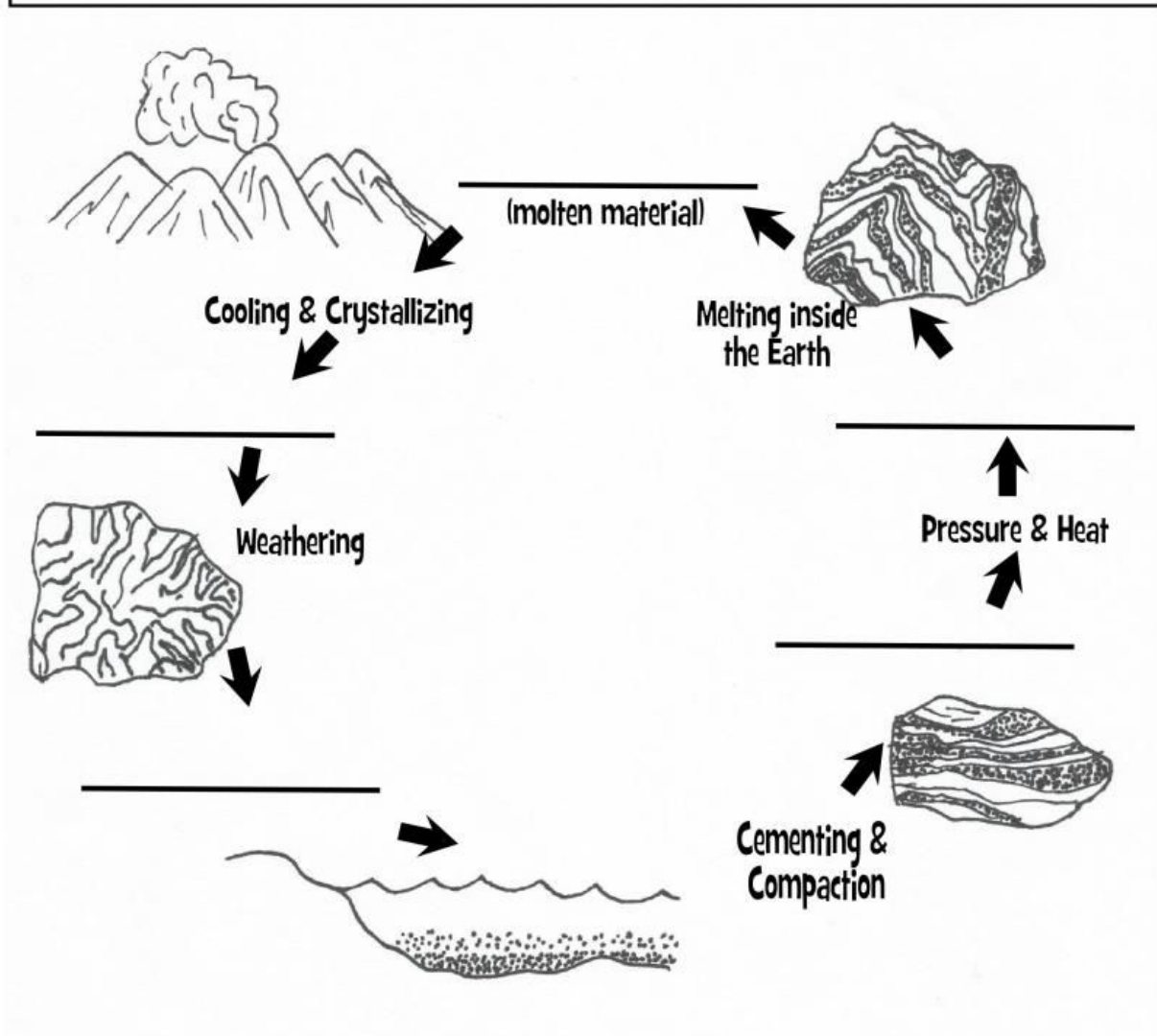
<https://www.dailymotion.com/video/x3jyuty>



The Rock Cycle

Fill in the blanks to complete the rock cycle using these words:

metamorphic rock	igneous rock	sedimentary rock
magma		sediment



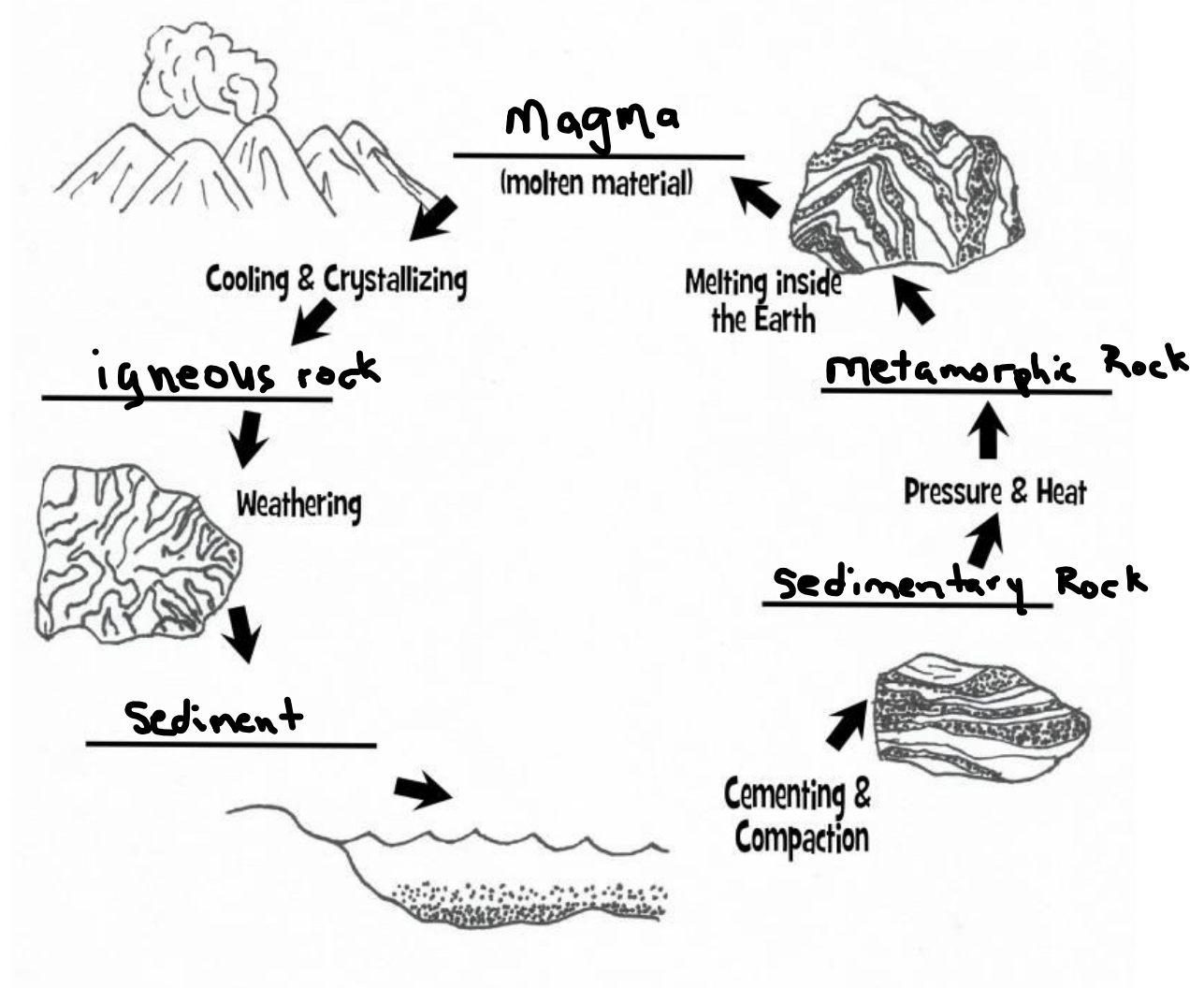
Layers of Learning

solution

The Rock Cycle

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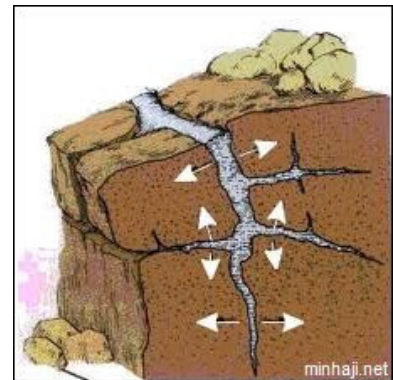


Layers of Learning

Mechanical Weathering

This is the physical break up or disintegration of rocks.

Ex: Rocks rolling down a slope or fast moving stream rub and bump against each other.



Climate change can also cause mechanical weathering. During the freeze thaw period we get Frost wedging. (warm in day but temps drop below freezing at night) water seeps into the rocks freezes and expands. This causes cracks and eventually the rocks break apart.

Frost Wedging: Water seeps into rocks and freezes then expands cause rocks to break.

<https://www.youtube.com/watch?v=BxmAJMjJ5Nk> 7 min.



Attachments

Science 7 Rock Assignment 1.docx