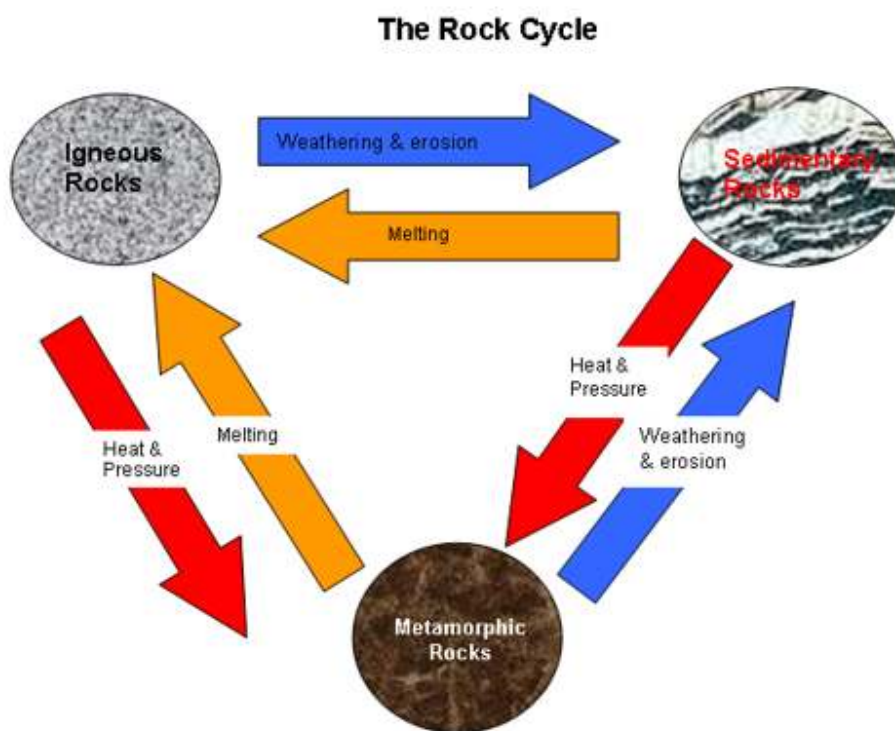


Investigating rocks

Rock erosion/weathering

The three rock types are transformed into one another by processes of weathering and erosion, melting and exposure to heat and pressure.



The process of weathering and erosion by ice can be simulated using modelling clay. Children roll the clay into three balls of equal size. Two are then placed in a freezer overnight. The third remains in the classroom. The following day the two balls are removed from the freezer and allowed to thaw. Water is added to one ball and both are placed back in the freezer. They are once again removed to thaw the following day. This process is repeated over a week and children observe the differences between in the two balls in the freezer and also compare them to the ball that has not been frozen.

