**Rock modelled out of crayons**

**Materials:**

2 x Aluminium foil pieces

Crayons

Plastic knife

Beaker

Warm/hot water

Use the plastic knife to scrap along two of the long crayons to form sediment.

**What is this process of a rock breaking down called?**

Collect the sediment on the aluminium foil.

Fold the aluminium foil so that the wax forms a ball.

Gently squeeze the wax shavings until they form a solid ‘rock’ shape.

**What is this type of rock called?**

Squeeze the freshly formed rock in your warm hands until the wax becomes hard.

**What type of rock forms when extra pressure and heat are applied?**

Fold the second piece of aluminium foil to form a hollow bowl shape.

Place the wax in the centre of the aluminium bowl.

Float wax and bowl on the surface of the beaker of hot water.

Leave for a few minutes until the wax melts.

**Can you link what is happening to the crayon, to the rock cycle?**

**Describe what type of rock will form in this process.**