

# ALL ABOUT PRESSURE! SEDIMENTARY GEMS

Over time and under pressure things on the ground like shells, stones and leaves build up and turn into layers of rock! These rocks are known as sedimentary rocks. Different coloured layers of rock can tell us about how the climate or environment has changed over time. Did you know scientists who study rocks are called geologists?!

Are you ready to become a geologist? Use up left over clay or playdough to make your very own sedimentary gemstones!



## WHAT YOU NEED

- Polymer Clay or Playdough (min 3 different colours)
- Rolling Pin
- Cling Wrap
- Chopping Board
- Plastic Knife or Cookie Cutters

## INSTRUCTIONS

### Step 1

Roll your clay or playdough into balls. Lay out some cling wrap and place one of the balls of clay or playdough onto it.

### Step 2

Place another piece of cling wrap on top and then use your rolling pin to roll it out so you've got a nice even layer of clay or playdough. Don't make it too thin!

### Step 3

Repeat the step above with all of the colours and then place one layer on top of the other until you have a colourful layered cake of clay or playdough.

### Step 4

Place the whole 'cake' between two pieces of cling wrap and roll out again. The pressure of the rolling pin represents the pressure of rocks building up above these layers over time.

### Step 5

Use your plastic knife to cut out irregular shapes to make your sedimentary gemstones. Try triangles or diamonds of all different sizes or you could use a cookie cutter. If you look at your sedimentary gemstone from the side, you will see all the different coloured layers!

WATCH THE  
VIDEO NOW

