

# Rock Sweet Properties – Instructions

## You will need:

Selection of 5 sweets with distinct properties, e.g.

- Choc chip cookie
- Strongmints
- Chocolate
- Toffee crisp or Mars Bar
- Boiled sweets

At least one hand sample of the following rocks:

- Sandstone
- Chalk
- Basalt
- Granite
- Slate

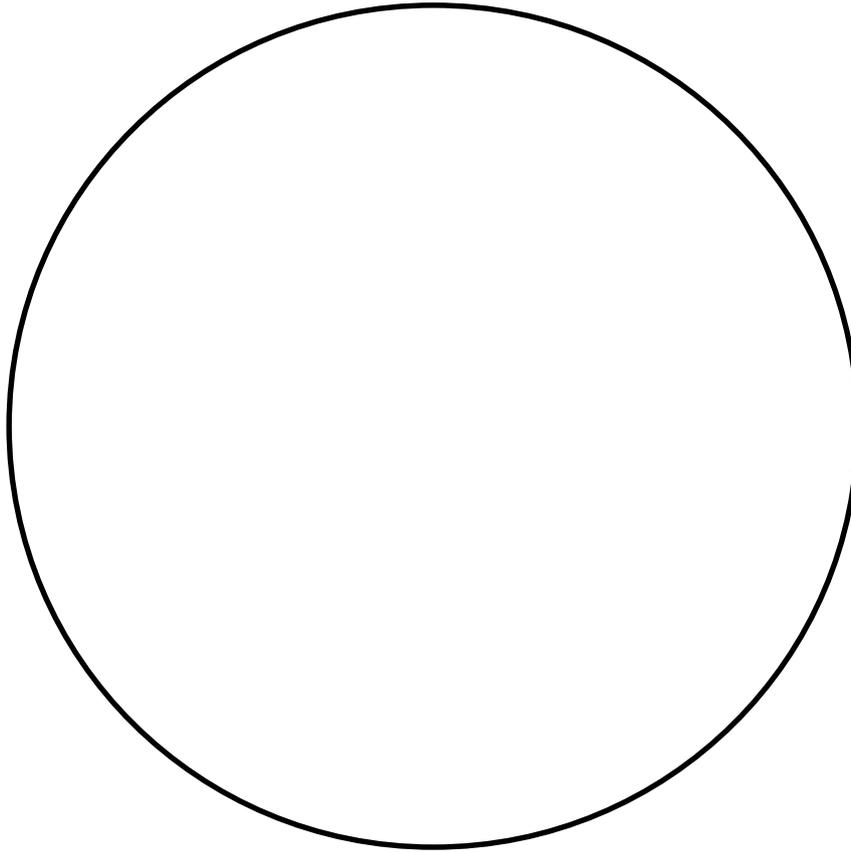
Ask children to describe the properties of different sweets in a labelled diagram focusing on colour, appearance, shininess, weight, texture. Having done this with sweets do the same activity with rocks and use the rock identification key to match rocks to the correct name.

***Curriculum points: compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.***

***Record findings using simple scientific language, drawings, labelled diagrams.***

- ☐ Sandstone: light coloured, made from grains, crumbly, grainy
- ☐ Chalk: white colour, very dusty, made from tiny grains, soft, marks on other rocks
- ☐ Granite: made from large crystals of different colours - white, pink, black and brown, heavy, some shiny crystals (mica), speckly
- ☐ Basalt: Black/dark coloured rock, heavy, hard, not made from grains, all same colour
- ☐ Slate: dark coloured rock, made from tiny layers, hard

# Sweet properties



**White in colour, dusty to touch, can see very tiny grains**

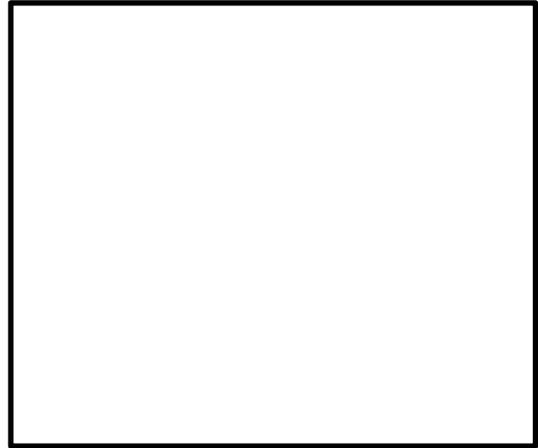
**Crumbly, light brown colour, can see individual grains**

**Dark in colour, lots of small holes on the inside**

**Hard and tough, difficult to break into pieces**

**Smooth to the touch, dark in colour, can be snapped in half quite easily**

# Rock properties



# Rock identification key

