



## CRYSTALS AND GRAINS IN ROCK SAMPLES

- The lenses can be used to compare crystal sizes in granite or grain sizes in sandstone and limestone rocks.
- They can also be used to examine sedimentary rock for small shell or plant fossils.
- Use [Result Sheet 3](#)



## SUGAR CRYSTAL SIZE

- The lenses can be used to compare crystal size in different sugars. Collect samples of Demerara, granulated, caster, icing and if possible larger candied sugar for examination.
- Use [Result Sheet 4](#).
- A possible extension activity could be carried out to time how long each type of sugar takes to dissolve in water. Plan a 'fair test' with the pupils so that only one variable changes. Possible variables which could be considered are hot or cold water, with or without stirring, quantity of water, quantity of sugar.

