



Telescopes

Getting Started...

Plan

- Bring along a telescope and binoculars to the activity
- Chat about the differences between the two
- Examine how they work and try to make a telescope

Do

- Design and make a telescope
- Measure how far the telescope can see and record a result
- Use an actual telescope and record how far that can see
- Also try with the naked eye to see what the farthest point is

Review

- Have a chat about how far the Six could see
- Find out what was the farthest thing that they could make out
- Ask the Six to compare the three results and to find out the positives and negatives of the three methods

Resources:

Two magnifying glasses
Two cardboard tubes of different diameters
Sticky tape

Top Tips:

This could be a useful activity to do as part of a hike...

The "Caribbean" and its many seafaring folk use telescopes in their every day lives to see dangers that are ahead. With the help of lenses these telescopes are possible.

