

# Play Resource Presents Science from Scrap

## Natural Collections

### You will need:

Cardboard rings

Double sided tape

Scissors

Access to natural materials...preferably outdoors



### How to use these resources for enquiry in Science/Maths

This activity can be used at different key stages in lessons focusing on the outdoors, seasons and plants. Children are becoming increasingly disengaged with the natural world and exploration such as this can improve observation skills and awareness of the outdoor environment and can lead to further classification and identification activities.

### Instructions

- Cover about half of the outside of the ring with double sided tape.
- Take the top layer off the tape to expose the sticky surface.
- Slip the ring on to your wrist
- Collect small samples of natural materials according to the chosen criteria or question, attaching these to the tape.
- Alternatively, dissect a flower and stick the parts on the ring so as to show the stigma and number of petals and stamen.
- Cover the completed collection with sellotape so as to protect and preserve it.

### Possible links to WAU topics

Plants, Seasons, The garden, Where I Live, Colours

### Background Knowledge

All of the flowers on a particular plant will have the same number of petals. Every flower has one female part, the stigma, and several male parts, the stamens, on which pollen forms. The number of stamens and petals varies from one plant species to another.

### Key Questions

- Can you find the colours of the rainbow?
- How many shades of green can you find?
- Are all leaves green?
- How many different leaf/petal shapes can you find?
- Collect as many seeds as you can.
- Find the different parts inside a flower.
- Do all flowers have the same parts?
- Do all the flowers on one plant have the same number of petals?