

LESSON PLAN 1 – The Leaf Collector

Year Levels - K to 7

Curriculum links

Science;

- Living things live in different places where their needs are met (ACSSU211)
- Explore and make observations by using the senses (AC SIS011)
- Living things have structural features and adaptations that help them to survive in their environment (ACSSU043)
- Science involves making predictions and describing patterns and relationships (ACSHE061)
- There are differences within and between groups of organisms; classification helps organise this diversity (ACSSU111)

Materials:

- notebook
- ice cream containers
- area to collect leaves
- PVA glue / clear tape
- poster board

Activity

1. Brainstorm 'What is a scientist?'
How do scientists find out how the world works? *Discuss 'Investigation, collecting and analysing data. Use of senses – visual, smell, touch, hear.*
2. Divide class into pairs. The task is to collect 5 – 10 different leaves in a container to bring back to class.
3. Look closely at leaves. Share with the group special things you notice about the leaves – colour, texture, shape, size, holes, bumps etc.
4. Sort leaves in different ways.
5. Can you find out what types of plants they are? {library, gardening books, computer} Why do leaves differ? What factors affect the appearance?
6. Dry them out and paste on a display. Label.
7. Writing - Label parts of a leaf. Describe different leaves using categories. Explain environmental adaptations of leaves.

Plenary

- What have you learned about leaves?
- What senses did you use?
- What have you learned about the environment from looking at leaves?
- What would you like to find out more about?