

BRACKENQUILL

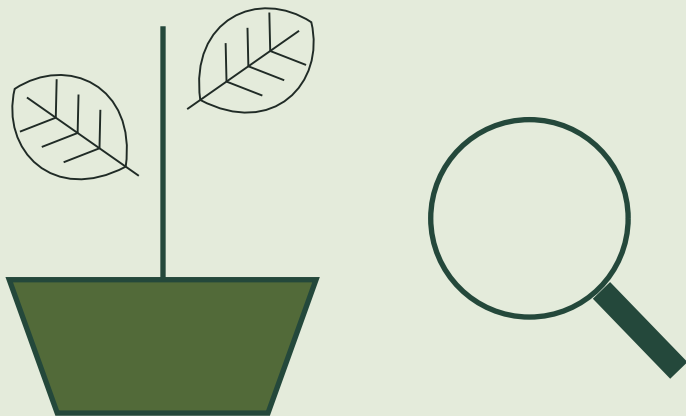
Little Learning Adventures

Garden Science Detectives

Ages 5-8 | Observation and enquiry

Look closely, ask questions, record observations and think about fair comparisons, indoors or outdoors.

Look closely



8 activities + grown-up guide + answers

A4 printable / Read-together HTML companion

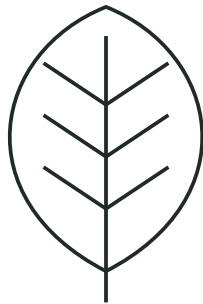
APPROVAL EDITION - NOT YET FOR SALE

ACTIVITY 1 / OBSERVATION AND ENQUIRY

Look like a scientist

Today I can: Distinguish noticing from guessing.

Imagine or look at a leaf with a grown-up. Leave plants where they grow. You can use the drawing above.



1. Draw one thing you can actually see.

2. Describe its edge using words or marks.

3. Write or say one question about it.

4. Which is an observation: "It has a line" or "It is happy"?

ACTIVITIES 1-4

Answers & discussion notes

1. Look like a scientist

- 1) Open observation based on the chosen leaf or diagram.
- 2) Accept accurate description, e.g. smooth or notched, according to the chosen leaf.
- 3) A relevant question, e.g. Why are there lines?
- 4) It has a line. Happy is not something established by looking at the leaf.

2. Weather watch

- 1) Variable observation; accept words or a drawing.
- 2) Variable observation.
- 3) Variable observation.
- 4) Any comparison supported by the child's records. Three days do not establish a climate pattern.

3. Sort, then explain

- 1) Four distinct labelled drawings.
- 2) Must match the child's own drawings and stated comparison.
- 3) A visible property, e.g. smooth/notched edge or large/small in the drawings.
- 4) Yes, if they choose a different consistent property. Accept a sensible example.

4. What does a plant need?

- 1) Any two of light, water, suitable temperature, air around roots.
- 2) No. Too much trapped water can reduce air around roots. Adult can explain this.
- 3) A relevant question, e.g. Does this plant grow differently in two light levels?
- 4) A suitable imagined location; adult checks actual plant suitability and safety.