

Procedure: Bean seed germination

Name: _____ **Date:** _____

Aim

To observe and record the germination and early growth stages of a bean seed.

Equipment

For each team	For each team member
<ul style="list-style-type: none"> • role badges for director, manager and speaker • 1 copy of 'Procedure: Bean seed germination' (Resource sheet 5) • 3 plastic cups • 3 sheets of paper towel for each cup • 3 pegs or labels • 1 magnifying glass • 3 soaked bean seeds • container of water 	<ul style="list-style-type: none"> • 1 science journal • 1 ruler • 1 lead pencil • 1 eraser

Activity steps

- 1 Fold one sheet of paper towel in half and line the plastic cup with it.
- 2 Scrunch two sheets of paper towel and put them in the middle of the cup to hold the paper lining firm against the sides of the cup.
- 3 Place the seed in between the paper lining and the cup.
- 4 Label your cup.
- 5 When your teacher gives the instruction, pour water into the centre of the cup.
- 6 Put your cup in the plant nursery.

Bean seed recording

Watch your bean seed grow through the early stages of its life cycle. Keep a careful record of the growth in your science journal.

To make an accurate record of the bean seed's early life, you need to include:

- labelled diagrams
- measurements of the growth of various parts.

Each time you record information about your bean seed, include the time, date and the day of growth (for example, Day 1, Day 2).

Start recording in your science journal now!