



CROSS-CURRICULAR · KEY STAGE 1 · SCIENCE & NATURE

Seeds, Growing & the Night Sky

Using **Glowberry and the Moon Seed** and **The Sparkle Tree and the First Star**, both free to read in the Dream Machine. Glowberry waters her seed for seven nights before anything happens. On the eighth, a shoot appears.

Learning objectives

- To observe how seeds grow into plants.
- To find out what plants need to grow: water, light and a suitable temperature.
- To record simple observations over time.

Curriculum links

- **Science, Year 2 Plants:** observe and describe how seeds grow into mature plants; find out how plants need water, light and a suitable temperature.
- **Working scientifically:** observing closely; recording data.
- **English:** retelling a story in order.

Session 1: the story and the planting (45 min)

- 1 **Read Glowberry and the Moon Seed.** Ask: "What did Glowberry do every day for her seed?" (watered it at dawn, sang to it at dusk, sat with it in the rain).
- 2 **Talk:** "Real seeds don't come from the moon. What do real seeds need?" List ideas, then sort them: water, light, warmth, soil, (singing? Let's test our ideas!).
- 3 **Plant.** Each child plants cress seeds on damp kitchen paper in a pot, or a bean in a clear jar against damp paper so the roots show.
- 4 **Make it a fair test (optional).** Keep one pot in a dark cupboard, one with no water, and one on a sunny windowsill. Predict which will grow best.

Timing: cress shoots in a few days, beans in about a week: Glowberry's "seven nights" makes a good countdown.

Session 2: observing (10 min a day)

Children check their seeds each day and fill in the Moon Seed diary: draw what they see, measure with cubes or a ruler, and note whether it was watered.

Session 3: the night sky (30 min)

Read **The Sparkle Tree and the First Star**. Talk about what we can see in the night sky (the Moon, stars) and when we can see them. Children draw their own "first star" picture and write one sentence about what the tree gave away.



PUPIL SHEET

My Moon Seed Diary

Name: _____ I planted: _____ Date: _____

Day	What I see (draw it!)	How tall?	Watered? ✓
Night 1			
Night 2			
Night 3			
Night 4			
Night 5			
Night 6			
Night 7			
Night 8			

What I found out

My plant grew best when it had _____

Plants need _____, _____ and _____ to grow.

Glowberry waited 7 nights. My seed showed a shoot after _____ days.

Safety: wash hands after handling soil and seeds. An adult should supervise planting.