# Sunflower: adult answer guide

Check the picture order and talk about real observations.

## Sequence check

A = 4  B = 1  C = 2  D = 3



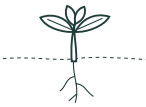
### 1. Seed

A seed has not yet sprouted.



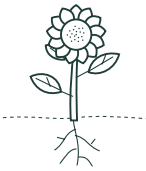
### 2. First root

A root emerges from the seed.



### 3. Seedling

The shoot has emerged and its first leaves open.



### 4. Flowering sunflower

The plant has grown taller and has a flower head.

### A root appears before a flower.

To start germinating, seeds need water, oxygen from the air and a suitable temperature. Their stored food supports early growth. Most seeds can germinate without light; some need it. Follow the seed packet.

A growing sunflower needs light, water, air, a suitable temperature, nutrients and space. Nutrients can come from its growing compost. Do not treat light as a universal germination requirement.

### Diary check: observations are individual.

Accept honest drawings and records, including no visible change. Record no height before a shoot appears. Do not supply invented dates or heights. Revisit after a few days; growth rates vary.

Suggested age 5–7 with adult support. No official curriculum approval is claimed.