



1. What plants can we find, and what do they need to grow?

Plants need light, water, warmth and space.

- We identify plants by their leaves and flowers.



3. Does light affect how a bean seedling grows?

We can test if beans grow differently in light or dark.

- We keep everything else the same, for a fair test.



2. How do seeds and bulbs grow into new plants?

A seed or bulb has everything to start a new plant.

- Seeds need water and warmth to germinate.

4. How do we measure and compare plant growth?

We measure plant height in cm, once a week.

- Recording growth lets us compare light vs dark.

5. What pattern can we see in our growth results?

Comparing weekly measurements can show a pattern.

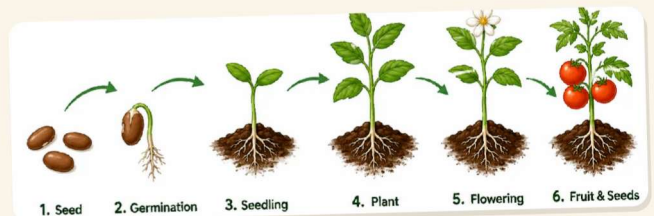
- A pattern happens the same way, again and again.



6. What is the life cycle of a flowering plant?

Seed → seedling → adult plant → flower → seed.

- Flowers make seeds, which grow into new plants.



7. TAPS: How do we write up our plant growth investigation?

We follow the steps of an observation-over-time test.

- **Predict**, **measure**, **record**, then **conclude**.



VOCABULARY

seed bulb germinate seedling root stem leaf
flower light growth measure life cycle predict
pattern conclusion

SKILLS I'LL USE

- Observe over time
- Take regular measurements
- Record in a table
- Make a prediction
- Spot a pattern