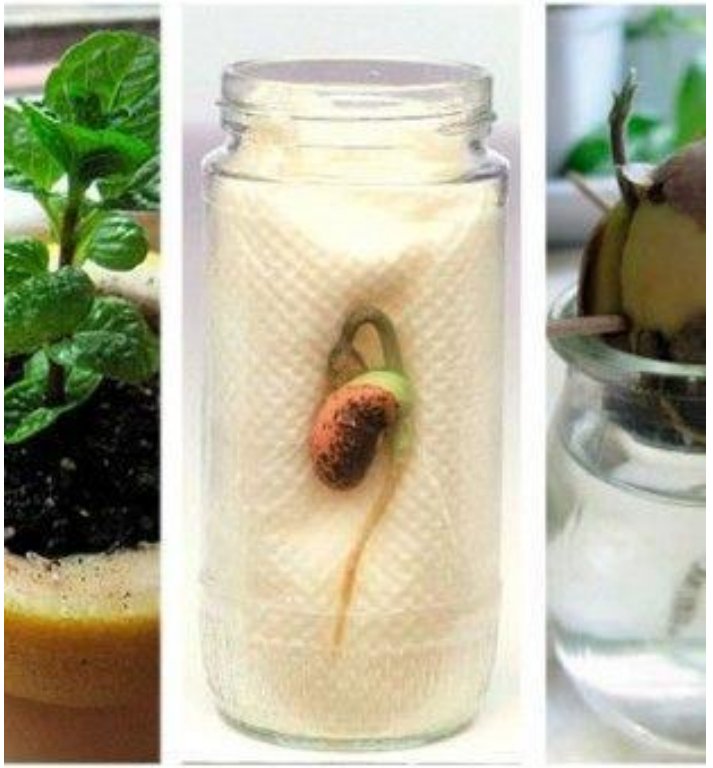
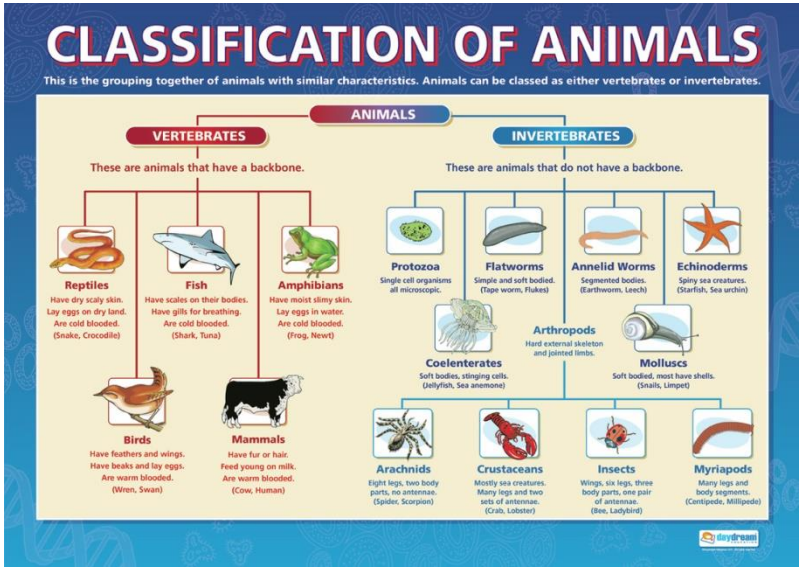
# Observing over time




- Making careful observations of objects or events
- Making a series of observations and events
- Observations over time

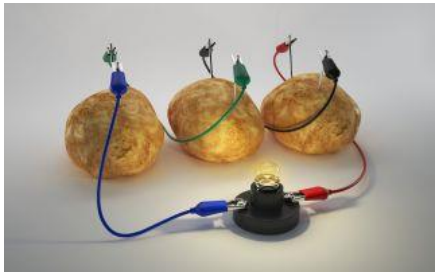
E.g. How does a seed grow?

# Identifying, Grouping & Classifying




- Sorting a range of objects or events into manageable sets
- Recognising objects and events as groups and allocating names to them

E.g. Which materials conduct electricity well and which do not?

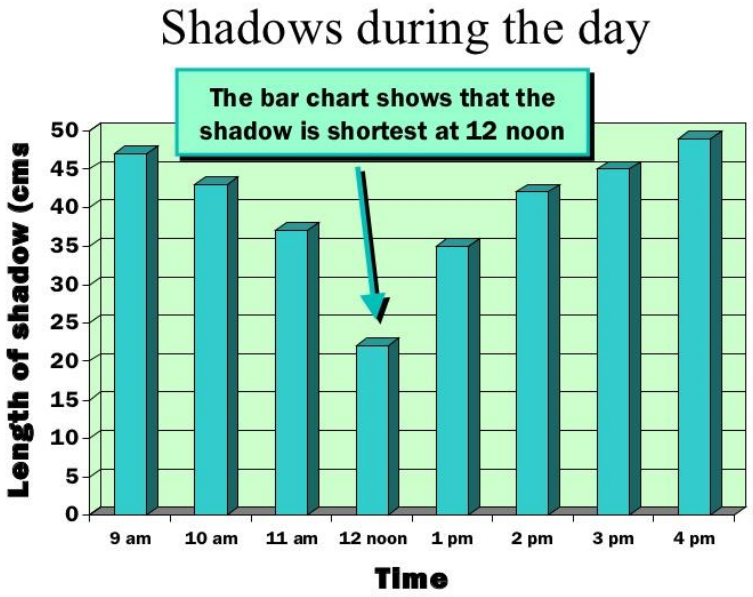


# Pattern Seeking

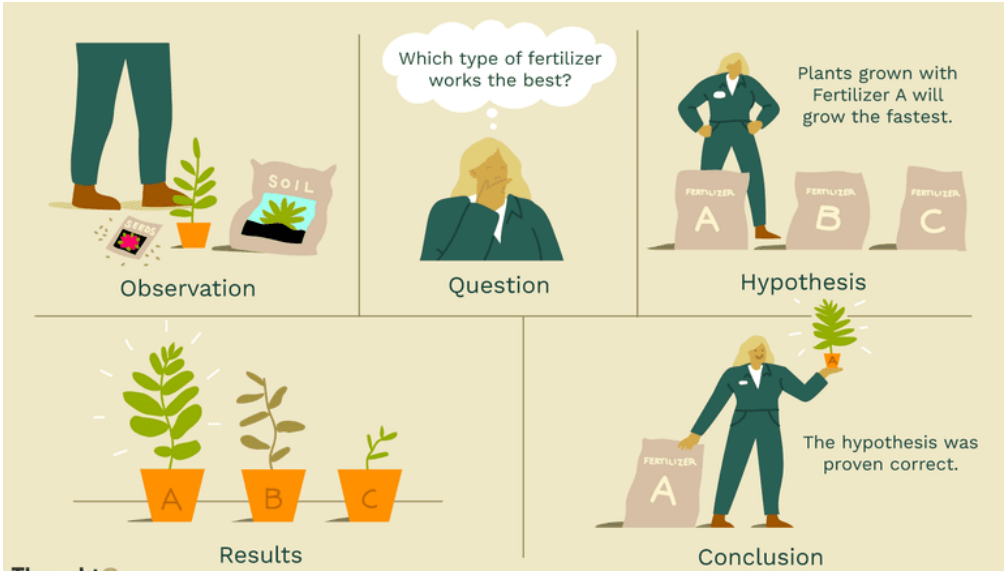
- Observing and recording natural phenomena
- Surveys
- Variables cannot be readily controlled
- Seeking patterns

E.g. Do people with longer legs jump higher?

| Name | Leg Length (cm) | Jump length (cm) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



# Making and Developing Ideas



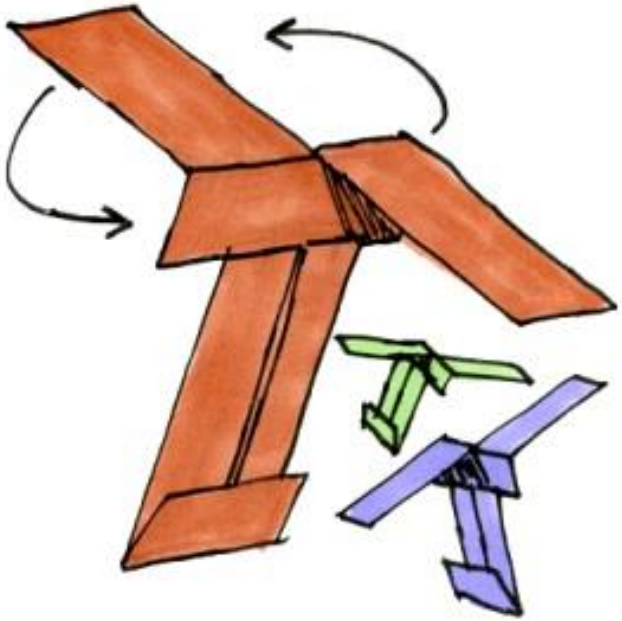

- Designing
- Testing
- Adapting

E.g. Can you find a way of preserving an apple?

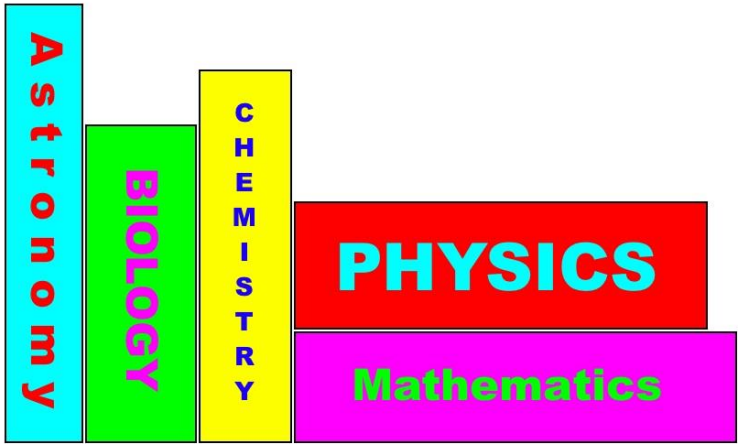
# Comparative & Fair Testing

- Observing and exploring relationships between variables
- Changing one factor whilst keeping the rest the same

  E.g. Which fibre is the best for making a towing rope?



# Researching Using Secondary Sources




Information from RELIABLE sources

ASK AN EXPERT

# Which scientific enquiries are you using?