

# Working Scientifically (Years 1 & 2)



In addition to having scientific knowledge, we need to develop our skills.

These are the skills needed for KS1 scientists. Are you doing these during your home experiments? Are you doing these at any other times during the day?



## Planning Investigations

- I can ask questions (For example: what material is best for an umbrella?)
- I can plan an enquiry (For example: I will test cotton, tin foil and plastic to see what protects a cuddly toy from rain)



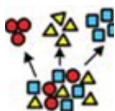
## Conducting Experiments

- I can observe closely, using simple equipment (For example: magnifying glass, timer)
- I can perform simple tests (For example: carrying out your material experiment)



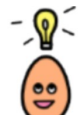
## Recording evidence

- I can decide what data I need to record (For example: how the height of a plant changes over time)



## Reporting findings

- I can identify and classify (For example: group animals by type/habitat)



## Conclusions and predictions

- I can collect data and present it (For example: tally chart, diagram of parts of a plant)
- I can use data to answer questions (For example: describe how to group animals)

## Other skills

Are there any other skills you think you are showing when you do your science work?