

Y1 Being A Scientist

KS1 Y1 Science · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

You want to find out which paper towel soaks up the most water.

Step 1 · Ask the question

'Which paper towel soaks up the most water?'

Step 2 · Make a prediction

'I think the thick one will soak up more.'

Step 3 · Test it and observe

Dip each towel into the same cup of water for the same time

Step 4 · Record and talk

Write which one soaked up the most. Was your guess right?

Answer: Test each towel the same way, then compare what happened

Check: Using the same water and the same time for each towel makes it a fair comparison.

2. Now try one with the steps

Make a tally of the minibeasts you find under a log.

Step 1 · Make one line for each one you see

Step 2 · Count each tally

Step 3 · Which did you find most of?

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. What is the first step of being a scientist?

2. What do we call a scientist's guess about what will happen?

3. Which equipment helps you see tiny things more clearly?

4. Which equipment would you use to measure how long a leaf is?

5. What does 'observe' mean?

6. Name one way to record what you found out.

7. What should you do after testing something?

8. What number does this tally show: ||||

9. Ella counted 5 ladybirds and 3 snails. How many minibeasts did she find altogether?

10. A toy car rolled 40 cm on carpet and 70 cm on tiles. How much further did it roll on tiles?

11. You want to know which ball bounces highest. What should you keep the same for each ball?

12. Why is it okay if your prediction turns out to be wrong?

13. Write one question you could test about plants.

4. Before you hand it in

Changing lots of things at once when testing.

Keep everything the same except the one thing you are testing.

Feeling 'wrong' when a prediction doesn't come true.

Say 'I thought... but I found out...'.

Not writing results down.

Use a table or tally chart while you test.

Looking quickly instead of observing closely.

Use a magnifying glass and take your time.