

Let's Practise at Home

Science working scientifically



Target: to develop observation and questioning skills.

Practise activities:

1. Put your wellies on and explore and discover things about the world around that arise from their own initial curiosity and observations. Talk about what your child can see and question why something is how it is. Measure heights of items, sketch or take photos to show colours.

2. Make a mini diary of what you have seen, note the date then revisit the same area at a later time and observe again and record any changes. Ask questions about why things have changed. Revisit each month all year long.

3. Use books to find out answers to questions, refer to google as a last resort! Model writing simple explanations in a mini diary.



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Target: to use key scientific vocabulary.

Practise activities:

1. Make word banks and talk about the words putting them into a context.

Procedure words: compare, describe, investigate, test, recognise, alter, minimum, similar, same, size, support

Opposites: strong/weak, long/short, fast/slow, soft/hard, cool/heat, cold/hot

Movement words: slide, travel, roll, slow down, speed up, accelerate, sink, float

2. Make flash cards of science words linked to learning in class. Display the flashcards on the fridge or somewhere in the house and play games to see how many your child can read, then write.

3. Visit the library and borrow a science book then try out some simple investigations. Talk about what you discover together and maybe have a go at recording your observations and discoveries.



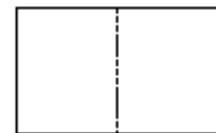
Science recording scientifically



**How to make
an 8 page
Mini-Diary**
(out of any
rectangular piece
of paper you
have!)

How to make an 8-page book from an A4 sheet

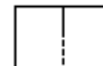
- Take a sheet of A4 paper.
- Fold it in half to make it A5.



- Fold it in half again.



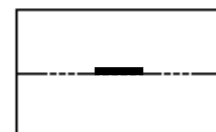
- Fold in half once more.



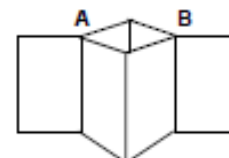
- Open out the last two folds (to A5 again) and cut from centre fold to the middle.



- Now open out the sheet to A4, and fold it lengthways.



- Stand it up so that the cut section forms a 'box'.



- Push together points A and B, then fold in half again to make a little 8-page book!



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Online Resources:

1. Working scientifically and using observations—

<http://www.sciencekids.co.nz/experiments/oilandwater.html>

2. Education City log in required to access activities to encourage scientific thinking—

https://ec1.educationcity.com/content_select/index/4/3/1/2

https://ec1.educationcity.com/content_select/index/4/3/6/2

(Year 2 have log ins, Year 1 log ins will be coming home on Friday)

3. Useful list of scientific vocabulary your child needs to understand and use—

www.coreknowledge.org.uk/resources/yr2vocab_science.pdf

