

Fun everyday Science for you and your child.



What is science?

Its about...

- **Asking questions about WHY things happen.**
- **Studying how things work.**
- **Testing ideas out- what would happen if...**
- **Developing knowledge about the world around you.**

How can we do science at home?

- Science is everywhere.
- Your home is a great place to safely try different science investigations.
- You will already have the things you need in your home.
- You already have the knowledge to do all these investigations!

Why should we do science with our children at home?

- You are helping your child to ask questions about the world around him/her.**
- You are showing that science is a daily part of everything you do.**
- By getting your child to set up experiments at home, you are helping to develop an enquiring mind in your child.**

Rules

- Use what you have.
- Use a question to start the investigation.
- Be safe.
- Have fun!

Which is the best material to keep ice from melting?

- **Idea:** to show that different materials keep things hot or cool.
- **You need:** a glove, a bit of foil, a piece of paper, a tea towel and 5 plastic bags and fasteners. Some ice cubes.
- **To do:** put an ice cube in each plastic bag and fasten shut. Put one bag in a glove, one in the foil, one in the tea towel and wrap one in paper. Leave 1 just in the bag.
- **Ask your child** what happens to ice when it gets warm? (it melts) tell them that they are going to see if they can slow ice melting by wrapping it in different materials. Ask your child to *predict which material will keep the ice the longest and say why.*
- **Keep checking** by unwrapping the cubes after half an hour and again until the cubes melt.
- **Record the results-** pictures or photos or write.

6. Get into a routine

- Choose a **REGULAR** time to read with your child.
- Bedtime is good- it settles your child and makes them feel safe.
- After a bath, before school - it's what is best for **YOU**, so that you can stick to it and your child expects it.



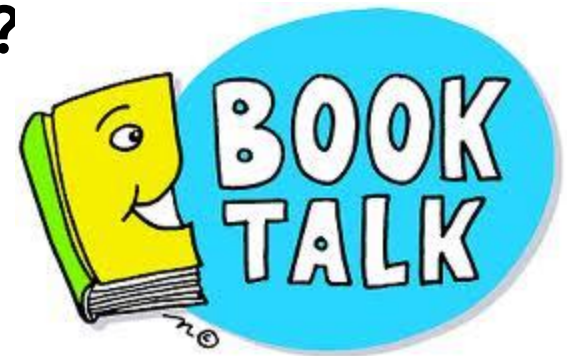
7. Listen to your child read.



- **Show your child you are listening by...**
 - 1. Sitting down with them.**
 - 2. Looking at the book with them.**
 - 3. Asking questions about what they are reading. (Tip 8)**
 - 4. Praising them for their reading skills.**
 - 5. Commenting on the text they are reading, “ I enjoyed the part when...”**

8. Questions to ask your child

- Asking your child about their reading shows them you are listening and interested.
 - Also it helps them to understand and explain what they have been reading.
1. What do you think will happen next?
 2. What happened today in the story?
 3. Who was in the story?
 4. Which bit did you like the best?



9. Vary things

Ideas for you and your child.

- Share the reading- you do a page, they do a page
- Draw pictures linked to the story.
- Make a cartoon strip of the story
- Dress up as a character and act out a part of it.

10. Dos and Don'ts

DON'T

- Correct every word you child reads-
be selective.
- Forget to change your child's home
reading books.

DO

- Make helpful comments in your child's
reading records.
- Praise your child and thank them for
reading to you!

Useful websites- all on Google!

- **Teach Your Monster to Read**
- **WORDS FOR LIFE**
- **Booktrust**
- **Bug Club**
- **Oxford Owl**
- **Story line online**

