



HOME LEARNING

What work should I do each week?

- ❖ Complete the activities on your Home Learning sheet. Some activities you can do every day and some activities are projects that you can do over a few weeks. You will need some help from a grown up for some activities.
- ❖ Some of the activities have this symbol **MUST DO**. This means that this activity is a 'must do' activity.

How will the teachers know how well I am doing?

- ❖ Choose pieces of learning that you would like to send to teachers.
- ❖ You can send your work to school using the e-mail address year4@newby.n-yorks.sch.uk or, if you prefer, you can post it to school or someone can drop it off in the pop-up porch office in the main entrance porch.
- ❖ You can also send work that you are really proud of to work@newby.n-yorks.sch.uk and we will share it on our Twitter Gallery @NewbyAnd.
- ❖ If you are not coming in to school for lessons, a member of staff will call to speak to you about your learning.

Year 4 Lessons

MUST DO



We are using the Oak National Academy lessons as part of our home learning offer.

Maths and English lessons that link to our year group curriculum are added to the Year 4 page of the school website.

Here is the link to find the lessons that link to our current in-class learning:

<https://www.newbyandscalby.org.uk/for-pupils/classes/year-four/>

Theme Project

MUST DO

Complete a project about States of Matter

Your project can be completed over a number of weeks during lockdown.

Use the Knowledge Organiser on the next page to record everything you know about **States of Matter** and add this to your project.

You can also use the Oak National Academy lessons to learn more about **States of Matter** and add this to your project.

You can also research using books from home or the internet or by asking a grown up.

There are some ideas for your project on this page.



Here are the links to the **States of Matter** lessons:

<https://classroom.thenational.academy/units/states-of-matter-3a2a>



Here are some BBC Bitesize links to help with your research:

<https://www.bbc.co.uk/bitesize/topics/zkgg87h>

<https://www.bbc.co.uk/bitesize/topics/zcvv4wx>

Project Ideas

Investigate the properties of Solids, Liquids and Gases.

Find the meaning of the following words:- shape, volume, air, insulator, conductor, thermal, reversible, irreversible, solution, freezing and melting. Investigate what happens when solids are mixed with liquids e.g. sugar in tea or coffee in milk.

Make a cake! Investigate what happens to your ingredients when they are cooked.

Stir a small amount of salt into water and leave it in a warm place. Observe what happens to the solution after about a week!

Find out how thermometers work.

What is The Water Cycle?

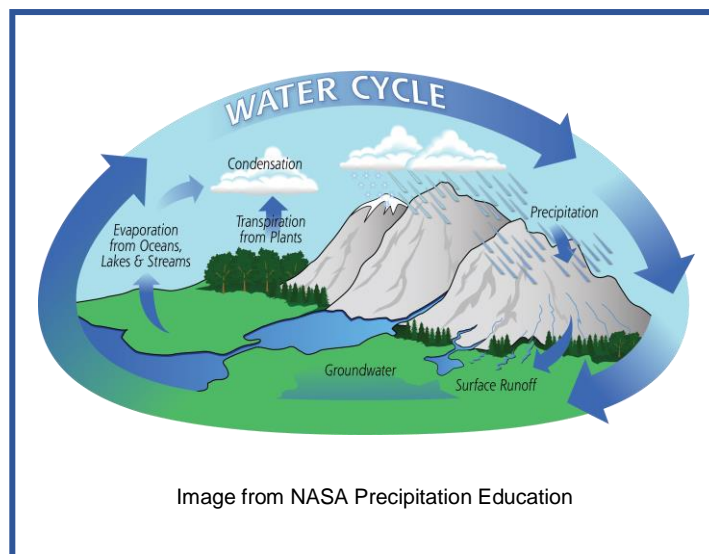
Find interesting Did You Know facts linked to States of Matter

Knowledge Organiser

States of Matter

Glossary of important words and definitions

Vocabulary	Definition
Solid	This keeps its shape and you can hold it.
Liquid	This is runny and takes the shape of the container it is in.
Gas	This is very light and spreads all over the place.
Solution	A mixture of solid and liquid.
Irreversible	A change that cannot be changed back.
Reversible	A change that can be changed back.
Freezing	When a liquid gets cold and turns into a solid
Melting	Changing a solid into a liquid by adding heat.



Thermometers

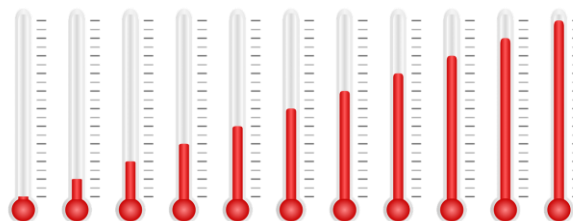


Image from clipart

Facts and Important Information

The shape and volume of a solid doesn't change unless you break a bit off!

Liquids are difficult to control. The shape of a liquid can change depending on the container that it is in.

Gases are very hard to control. They are all around us and most gases are invisible.

A solution is a mixture of a solid with water.
Gravy is a solution!

Water boils at 100°C and freezes at 0°C
A thermometer is used to measure temperature

Ice, water and steam are all states of water.

MUST DO Reading

Read lots!

Choose an activity to do using the text you have read.

Draw the image it has created in your head

Write a book review – who will you recommend it to and why?

Write your own blurb for the story.

Draw your own front cover – would you change the title?

Change the ending to the story – re-write the last chapter / few pages.

Daily Activities

These are the basic skills to practise every day.



<https://trockstars.com/>
Use your username and password to login.

Number

Choose an activity to test your number skills

You could

Practise one of the following:

- Counting forwards and backwards in multiples of 6, 9, 7, 11 or 12s
- Counting on and back in tenths
i.e. 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3, 3.1
- Rounding numbers to the nearest 10 or 100. 54 → 50 182 → 200
- Rounding decimals to the nearest whole number. 2.8 → 3
- Mentally adding 2 and 3 digit numbers
- Install recall of times table facts

Writing and Handwriting

Practise your writing skills every day.

You could:

- write a story
- write a shopping list
- write a comic strip
- write a poem or song
- write a newspaper report
- write a letter to a friend or your teacher
- write a diary and add to it each day

Remember to make your writing neat and your letters the right sizes.



<https://www.readingeggs.co.uk>
Use your username and password to login.

MUST DO Spellings

Your current spellings will be on the Year 4 class page of the school website

<https://www.newbyandscalby.org.uk/for-pupils/classes/year-four/>

You could:

- ask a grown up to test you
- do look, cover, spell, check
- write sentences with some of the words
- check if you spell these words correctly when you do a piece of writing

Other Learning Online and Offline



National Literacy Trust Activities

<https://literacytrust.org.uk/family-zone/>

Internet Safety Website

<https://www.thinkuknow.co.uk/>

The BBC Bitesize logo, featuring the letters 'BBC' in white inside three orange squares, followed by the word 'Bitesize' in a large, white, sans-serif font, all set against a solid orange background.

BBC
Bitesize

<https://www.bbc.co.uk/bitesize>

Make and play a board game with your family.
Remember to take turns and play fairly.

Follow a recipe to bake or cook something new.

Improve your fitness by doing regular exercise.
How do you know that you have improved?

walk, run, obstacle courses,
keepy-uppies

Build a ...
What will you build?

A spaceship?
A tower?
A scene from a film?
A piece of furniture?

What new things can you spot from your window?

Can you identify trees, flowers, birds?
Can you learn any new types?