



Natasha Lamb

March 21 at 5:24 PM · 🌐



ATTENTION ALL PARENTS:

<https://youtu.be/rR2Zb7TbiOA>

PLEASE join us everyday on this FaceBook page & YouTube and we will be teaching you and your children the basics of British sign language!

This is such an important skill to have and most children won't get the chance to learn this in School. I will be posting a video from Monday - Friday at 1pm!

I hope we make it into your timetable and you & your family get to learn how to sign for FREE!

See you then,

Natasha & Kelly! X

(Please Share)

*Available - <https://youtu.be/rR2Zb7TbiOA> *



Free Daily Resources For Children



PE with Joe Wicks On YouTube

Week days at 9am but you can visit any time on youtube to view the workout.

Wildlife With with Steve Backshall On Facebook
Every day at 9:30am for answering all your wildlife, biology, conservation, geography and exploration questions.



Science with Maddie Moate on YouTube

Weekdays 11am. Maddie & Greg chat about science and nature!

Dance with Oti Mabuse On Facebook
Every day at 11.30am but children can view the class at any time.



Maths With Carol Vorderman

Free access to the her maths website:
www.themathsfactor.com

Music with Myleene Klass on YouTube
Twice a week. Next one Friday 27 March 10am, but can view any time.



Storytime With David Walliams

Free story everyday at 11am on his website:
www.worldofdavidwalliams.com

For More Ideas Join Our Facebook Group
Extreme Couponing and Bargains UK Group

DIY Lava Lamps

You will need:

- Vegetable/sunflower oil
- Vinegar
- Food colouring
- Bicarbonate of soda
- Tall glass or bottle
- Spoon
- Small cup



1. Add three spoons of bicarbonate of soda into the tall glass or bottle.
2. Fill two thirds of the container with oil – but don't mix!
3. In the small cup, add some vinegar and several drops of food colouring.
4. Slowly add drops of your coloured vinegar into your oil/bicarb mixture and watch your lava lamp come to life!

Why not try adding different colours to your lava lamp?

THE SCIENCE

Oil and vinegar do not have the same density (how heavy something is for its size). Vinegar is more dense than this type of oil - that's why it sinks to the bottom of the container.

Once the vinegar touches the bottom of the container, it reacts with the bicarb. This chemical reaction creates bubbling carbon dioxide which rises – these are the bubbles you see within the container.

@MrsBpriSTEM

Invisible Ink

You will need:

- Lemon juice
- Cotton bud or a paint brush
- Cup
- Paper
- Candle



1. Add about 1 tablespoon of lemon juice to the cup. Fresh squeezed or bottled juice will work just fine.
2. Soak the cotton bud or paint brush in lemon juice and use it to write a message on your paper.
3. Once it is dry, it will be invisible.
4. CAREFULLY hold your paper over a lit candle to reveal your message – try not to set fire to the paper. Get an adult to help you and make sure you have a bowl of water next to you just in case!

You can also "iron" your paper but don't use the steam setting. Put a dry cloth between the paper and iron to protect the iron's surface.

THE SCIENCE

The paper discolours before the rest of the paper gets hot enough to do so. Lemon juice contains carbon compounds which are colourless at room temperature. Heat breaks down these compounds and releases the carbon. When carbon comes in contact with air (specifically oxygen), oxidation occurs and the substance turns light or dark brown.

Try different fruit juices – or milk! – and compare the results.

@MrsBpriSTEM

The Leakproof Bag

You will need:

- Sharpened pencils or skewers
- A sealable bag
- Water

1. Make sure your pencils are sharp before you begin.
2. Fill three quarters of your bag with water and seal it.
3. Holding the top of the bag with one hand, use the other hand to push a pencil right through to the other side. Like magic, there are no leaks!
4. Repeat with several pencils – making sure they are pushed through in different places on the bag.

Test how many pencils your bag can hold!

Do pencils with flat or round edges work best?

Try different thicknesses of bag to see which works best.



THE SCIENCE

The Science for this one is quite complicated! The bag is made out of a polymer which has lots of molecules attached together in long chains (think strands of cooked spaghetti!). The tip of the pencil can easily push apart the flexible strands of spaghetti but the strands' flexible property helps to form a temporary seal against the edge of the pencil. When the pencil is removed, the hole in the plastic bag remains because the molecules were pushed aside permanently and the water leaks out.

@MrsBpriSTEM

How to Grow a Rainbow

You will need:

- Kitchen roll/paper towel
- Felt tip pens
- Two small bowls of water
- Paper clip
- Thread



1. Cut your kitchen roll into the shape of a rainbow.
2. Colour a rainbow with felt tips about 2 cm up on both sides.
3. Attach your paper clip to the top and tie a piece of thread to it. This will give you something to hold your rainbow with.
4. Fill each small container with water.
5. Hold your rainbow with the ends slightly submerged in the water then watch your rainbow grow!

THE SCIENCE

A brief introduction to 'capillary action'! Water molecules like to stick to things - including themselves. Sticking to things is called *adhesion* and sticking to itself is called *cohesion*. The fibres in kitchen roll make lots of little holes. Water is 'sucked' through the holes because of adhesion (liking to stick to other things) and cohesion (liking to stick to itself) means the rest of the water follows. The water pressure will eventually slow down and the pressure of gravity will mean it stops moving.

@MrsBpriSTEM

Grow your own Hanging Crystals

You will need:

- Two glass jars
- Hot water
- Bicarbonate of soda
- Two paper clips
- String or wool
- Small plate

1. Pour hot water into the two jars and stir in bicarbonate of soda until no more will dissolve (about 6 teaspoons). When a layer forms at the bottom of the jars, this means no more will dissolve.
2. Tie a paper clip to each end of the piece of wool or string and place each end in each jar so it hangs between.
3. Put a small plate underneath the wool between the jars.
4. Leave the jars for a week. Crystals will begin to form along the wool - hanging down like stalactites. You may even get crystal stalagmites forming on the plate!

THE SCIENCE

You've created a super-saturated solution. Hot water can hold more dissolved bicarb than cold water because the molecules are further apart. When the water cools, the bicarb can no longer 'fit' in the water and 'clings' to the wool. As the water evaporates, crystals form. These crystal strings get longer as more water drips down.



@MrsBpriSTEM



Scholastic UK

March 18 at 12:23 PM · 🌐



In response to the COVID-19 outbreak in the UK, Scholastic Resource Bank have put together a range of FREE home learning packs for Early Years, KS1, Lower KS2 and Upper KS2 children to help parents and teachers prepare for all eventualities ❤️ Download your free resource packs below:

Early Years Pack: <https://resource-bank.scholastic.co.uk/content/39880>

Key Stage 1 Pack: <https://resource-bank.scholastic.co.uk/content/39881>

Lower Key Stage 2 Pack: <https://resource-bank.scholastic.co.uk/content/39882>


Upper Key Stage 2 Pack: <https://resource-bank.scholastic.co.uk/content/39883>

SCHOLASTIC

Resource Bank
early years * primary

FREE

HOME LEARNING PACKS

 We made this simple Maths activity today, to help with number recognition. It's so easy to do at home 🌱!

It is brilliant for enhancing their fine motor skills too, ready for holding a pencil ✏️.

❤️ My 2 year old loved it!



Free Websites and Apps to support with... Maths and Science



TopMarks

www.topmarks.co.uk/

← A great bank of interactive games!



Dragon Box (Paid App)

www.dragonbox.com



Bee Bot App for Computing (Free App)

<https://apps.apple.com/gb/app/bee-bot/id500131639>



Times Table Rockstars (Paid App or Free with School Subscription)

<https://trockstars.com/>



Cheebies - Numberblocks

www.bbc.co.uk/cheebies/shows/numberblocks



Explorify for Science

www.explorify.wellcome.ac.uk/



ICT Games—For Literacy and Maths

www.ictgames.co.uk/



Prodigy Maths (Free App)

www.prodigygame.com/

Free Websites and Apps to support with... Phonics and Early Reading



Phonics Play

www.phonicsplay.co.uk/fresh/index.htm



Phonics Bloom

www.phonicsbloom.com/



Letters and Sounds

www.letters-and-sounds.com/



Cheebies—Alphablocks

www.bbc.co.uk/cheebies/shows/alphablocks

Highly recommended!



Teach Your Monster to Read (Website is free. Paid App)

www.teachyoumonsterread.com/



Oxford Owl

www.oxfordowl.co.uk/



Teach Handwriting—Cursive Practise

www.teachhandwriting.co.uk/index.html



Vooks—Storybooks Brought to Life

www.vooks.com/



Scholastic—Classroom Magazines

www.classroommagazines.scholastic.com/support/learnathome.html



Spelling Shed (Paid App or Free with School Subscription)

www.spellingshed.com/en-gb

School subscription services that are providing guidance and resources to support with school closures



twinkl - Subscription service used by schools is offering a free premium service for educators, parents and children to use whilst schools are closed—enter the code UKTINKLHELPS

Worksheets, PowerPoints and interactive games to support all areas of learning.

www.twinkl.co.uk/



Classroom Secrets - Maths and reading home learning packages for schools to use due to school closures. Free access to child version of site.

<https://classroomsecrets.co.uk/home-online-learning/>



White Rose Maths - Maths home learning packages for schools to use due to school closures.

www.whiterosemaths.com/resources/schemes-of-learning/primary-sols/



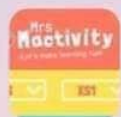
Master the Curriculum - Maths subscription service has made resources free for educators and parents.

www.masterthecurriculum.co.uk/



Primary Stars - Maths home learning packages for schools to use due to school closures (KS1).

<https://primarystarseducation.co.uk/covid-19-year-1/>



Mrs Mactivity - Provide your email to be sent free activities and resources to support with home learning.

www.mrsactivity.co.uk/free-resources-2/

Thank you...

