Lapwing Class Home Learning
6th October 2023

Essential Skills

- Reading
- Times Tables
- Spellings

Reading

Please continue to read at home this week. We are aiming for a goal of having everyone in Lapwing reading at least 5 times each week!

Library books can be exchanged when read, although is not expected that a child will finish reading their library book every week, particularly if they have chosen a challenging or longer text.

Reading at home should be recorded in reading records, which can be brought into school everyday as children will be heard read throughout the week and we need to record that in their reading records. We have ordered new reading records and each child will get one when they arrive.

Times Tables

Please practise times table rockstars this week.
In class we will be practising our times tables regularly but the more the children practise their times tables the more confident they will become.

If you do not have access to TTRS please let me know and I can provide log in details or alternative options.

Spellings

This week we have been looking at spelling a range of words that use the prefix 'sub'.

There will be a short test of these spellings next Thursday.
Please encourage your children to practise their spellings every day.

This week's spelling words are:

Spelling Shed

Words with the prefix 'sub-' meaning 'below' or 'further divided'

submarine
subject
substandard
subtitle
submit
subtropical

Added Extras 😊

English

This term we are having a massive push on reading in class and we want to add some posters to our reading corner. If you have a favourite book or author why not make a poster all about them that we can display in our class? You could include a book review to help others know all about your favourite book so they can read it too.

Science

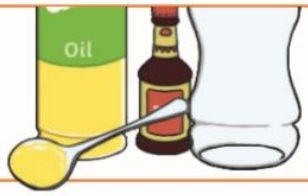
In science this term we have been looking at States of Matter and how solids, liquids and gases behave. Why not have a go at some of these science experiments and write a little review of which ones you enjoyed most and why? You can always add some photos to your homework book to show us what you got up to.

Science - Experiment (Adult support may be needed for some experiments)

Lava Lamp

You Will Need

- Water
- Vegetable Oil
- A Clear Plastic Bottle or Jar
- Food Colouring
- Effervescent Tablets



Method

1. Fill the bottle or jar a quarter full with water.
2. Top up, almost to the top with the vegetable oil
3. They should separate into two layers, water at the bottom and oil sitting on top.
4. Add about 6-8 drops of food colouring once the oil and water separate.
5. The colour will mix with the water at the bottom.
6. Pop in half an effervescent tablets and watch the bubbles form. Add more effervescent tablets bit by bit to keep the bubbles rising and falling.

Science - Experiment (Adult support may be needed for some experiments)

Rainbow Colour Mixing

You will need:


A bowl


A cup of milk (whole or 2%)


Different colours of food colouring


Washing-up liquid

Method:

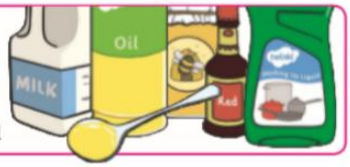
1. Carefully pour a cup of milk into a bowl.
2. Taking care not to mix the colours, drop three drops of one food colouring at one side. About a third of the way around, add three drops of another colour and another third of the way around, add three drops of another colour.
3. Next, squeeze a drop of washing-up liquid into the centre of the bowl.
4. What happens to the colours?

Science – Experiment (Adult support may be needed for some experiments)

Fun with Density

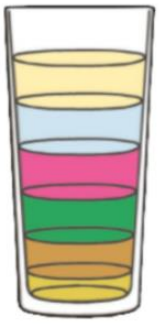
You Will Need

- Honey
- Milk
- Water
- A Glass
- Vegetable oil
- Food colourings
- Golden syrup
- Washing up liquid



Density is a really tough concept to grasp. We confuse ourselves by referring to our weight all the time when we really mean our **mass**. **Mass** is effectively 'how much stuff' is there. **Density** is how much mass is in a volume (or space).

One way to illustrate density is to pour different liquids (which have different densities) on top of each other. The liquids with the greatest density sink to the bottom.



Method

1. Measure out the same volume of each of the liquids. Colour the water and the milk if you wish.
2. Starting from the bottom, pour in the honey. Make sure it goes into the middle of the glass and that you don't get any honey on the sides.
3. Slowly pour the golden syrup on top, followed by the washing up liquid.
4. Then add the milk, followed by the water.
5. Finally top with vegetable oil and admire your rainbow glass!

Dissolving

Which solids dissolve in water?

You Will Need

- Water (hot and cold)
- Transparent Containers
- Substances to try and dissolve; sand, sugar, salt, coffee etc

Method

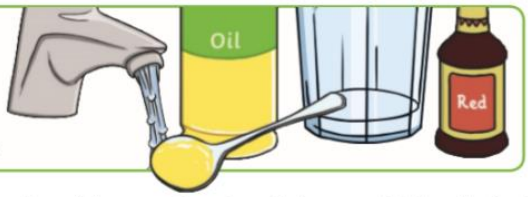
1. Add a teaspoon of whichever solid you are testing to a glass of cold water and a glass of hot water, stir and observe the difference.
2. Look to see if the solid dissolves in the hot water and cold water and if one is better than the other.
3. Can you design a chart to record your observation?

Science – Experiment (Adult support may be needed for some experiments)

Fireworks in a Glass

You Will Need

- Warm Water
- Oil
- A Tall Glass
- Food Colouring



This is a very cool, simple and fun experiment, and also completely safe, just don't drink the water!

Method

1. Fill the tall glass with warm water.
2. Pour a small amount of oil into another container and add a few drops of food colouring.
3. Give it a good stir, if it doesn't mix, add a bit of water.
4. Pour the food colouring and oil mixture into the warm water and watch the fireworks!