Thursday 21st May 2020

Reception

Good morning Reception! This week we are going to continue with our new topic is 'Do Cows Drink Milk?'. Can you have a go at these different activities?
Remember to keep me updated with your hard work. You can email us via the school email – reception@woodstone.leics.sch.uk
Miss Pickering ☺

Mathematics

*Practise counting up from 0 to 20 and back down from 20 to 0.
*Roll a dice, can your child say the number as quickly as they can.
*Using the part-whole model from yesterday can you make number bonds to 10 E.g. 10 (the whole) is made of 1 and 9 (parts) or 2 and 8 etc. Remember to use objects to support your child.

Literacy

*Practise Phonics sound cards and tricky word trucks.
*Listen to your child read.
*Have a go at today's daily phonics lesson (10.00am)- https://www.youtube.com/channel/UCP_FbjYUP_UtldV2K_-niWw/videos?disable_polymer=1
*Using the story of What the Ladybird Heard -can you write a sentence about how you would trap the baddies? Draw a picture to match your sentence.
*Challenge – see if you can write more than one sentence.

Other

Have a go at making your own lava lamp. Use the instruction sheet below to help you.

Weekly Rainbow Challenges

Reception – these are just like the rainbow challenges we would do in our classroom. You have 5 days to try and complete these extra challenges.

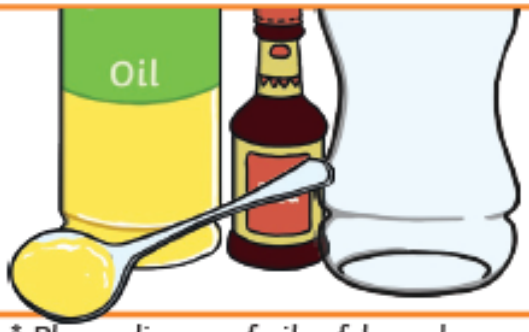
Where is the ladybird?

See if you can search the picture for the hidden ladybird.

Lava Lamp

You Will Need

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



* Please dispose of oil safely and responsibly.

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.

The Science Bit

Firstly water and oil will not mix – this is because we say that water is a polar molecule – its structure means that is has a positive charge one end and a negative charge the other. Water molecules stick together because the positive end of one water molecule is attracted to the negative end of another. Oil molecule structure is different – it is non polar, meaning that its charge is more evenly spread out, so the oil is not attracted to water – in fact we call it hydrophobic (water fearing) so it tries to get as far away from water as possible and will not mix. The reason that oil rests on top of the water rather than underneath is because it has a different density to water.

As the effervescent tablets is added (this is made of citric acid and sodium bicarbonate) it reacts with the water and form carbon dioxide gas and sodium citrate. It is the carbon dioxide bubbles that carry the coloured water to the top.