

The World we Live in

Week commencing 6th July 2020

Science

Now that you have explored what the Water Cycle is, this week I would like you to follow the instructions on the next page to make your own Water Cycle so you can see it in action!

You will need

- A clear plastic jar
- Cling film or sheets of clear plastic
- Rubber band
- Soil
- Birdseed
- Measuring cup
- Water

Once you have made it you will need to answer the questions which are below the instructions.

Geography

The EU

What do you know and what do you want to find out? Create a mind map of all the facts you already know about the EU. E-mail your teacher with questions and queries about the EU. We will collect this together and post them on our foundation subject planning next week to see if anyone else knows the answer! There will be 5 class champion points for the best question or query.



Art

Soon you will be in year 5!

Create a piece of art which shows how you are feeling about this move into your 5. Think back to last half term where we explored how to show emotion within art.

Think about what colours you will use to show your emotions. Will you include words?



Jigsaw

Write down the names of all your friends. Now think of your bestfriend. How would you feel if your bestfriend wanted to play with someone else?

How would you react? Is this reaction a good reaction or a bad reaction?

Think about how you could change your reaction to make it something more positive.

Keeping Active

Create your own game, explain the rules to an adult or a sibling and have a go at playing your game.

keeping active



Metacognition



Metacognition is a big word for something most of us do every day without even noticing. Reflecting on our own thoughts is how we gain insight into our feelings, needs, and behaviours — and how we learn, manage, and adapt to new experiences, challenges, and emotional setbacks.

It is important to develop your metacognition as this will help you become a better independent learner.

This week once you have completed your learning I would like you to reflect on how you did. Write down 2 things you found difficult and say what you did to overcome this. Then write to 2 success of the week. What did you enjoy the most and why?

Instructions for Science

1. Ensure that the plastic jar is clean and dry.
2. Add a layer of soil to the bottom of the jar. The layer should be about 2 cm deep.
3. Sprinkle about half a teaspoon of birdseed over the soil.
4. Cover the bird seed with another layer of soil that is also about 2 cm deep.
5. Measure 60 ml of water using the measuring cup. Slowly pour this over the soil. Make sure the water is poured evenly over the soil's surface.
6. Cover the top of the jar with cling film or plastic and secure it with a rubber band.
7. Place the jars on a window sill or other place where they can remain in direct sunlight.

When you have made your water cycle, observe what happens and answer the below questions.

1. How did the appearance of the jar and plastic cover change?
2. Did droplets appear on the inside or outside of the jar?
3. Where do you think the droplets came from?
4. What happened to the birdseed?
5. What role did sunlight play in the change from liquid water to water vapour?