



Birches First School
Believe, Grow, Succeed



School Closure Home Learning

Year 4 Daily Tasks

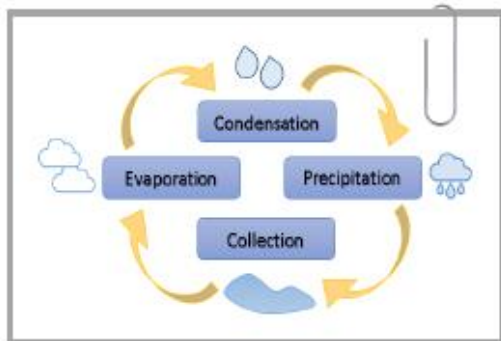
Date: 7/5/20

Reading task -

Read the non-fiction text and answer the retrieval questions.

The Water Cycle

Did you know that there is the same amount of water on Earth now as there was when the Earth was first formed? This is because of a process that includes precipitation, collection, evaporation and condensation known as The Water Cycle.



How does the Water Cycle work?

1. To begin with, water, which is stored on Earth in lakes, seas, oceans, streams and rivers, is heated up by the sun. This turns the liquid water into a gas called water vapour.
2. At this point, the water vapour rises and it is seen in the sky as clouds. This is evaporation.
3. As the water vapour rises, it begins to cool down and becomes liquid again. This part of the process is called condensation.

* You sometimes see condensation on kitchen and bathroom windows.



The heat from the sun is a vital part of the cycle.

These water droplets eventually fall back to earth as precipitation - rain, snow, hail or sleet.

4. As the water reaches the ground, it flows back to rivers, sea, streams and oceans. Some water is absorbed by plants or drunk by animals, but most ends up in bodies of water. This final part is called collection.
5. The cycle is now ready to begin again.

This process is continuous and is happening all around us, all the time. The Water Cycle is vital for life on Earth. Without it, life would not be able to exist on our planet.

Did you know?

The Water Cycle is also known as the Hydrological Cycle.

Questions -

Q1

Use the numbers 1-4 to order the different parts of the cycle as they appear in the first paragraph.

condensation

collection

precipitation

evaporation

Q2

What is the name for water in its gas form?

Q3

Where are two places condensation can be seen?

1) _____

2) _____

Q4

Where does most of the water from the cycle end up?

Q5

For each statement, tick the correct box to show whether it is true or false.

Statement	True	False
Water vapour in the sky is seen as clouds.		
Precipitation is water falling back to earth.		
The cycle stops after the final stage.		

Q6

Draw lines to match the parts of the water cycle to the correct term.

precipitation

vapour rises into the sky and is seen as clouds

condensation

water vapour rising and becoming liquid again

evaporation

water falling back to Earth

collection

water flows back to rivers, seas, streams and oceans

Writing/SPaG task

Creative writing – time to use your imagination!

Reread the writing you did yesterday. Read it out loud. Does it make sense? Is your punctuation correct? How is your spelling? Today, you are going to edit and improve yesterday's work. Once you have checked for sense, spelling and punctuation, see if you can improve your sentences with different vocabulary or language choices.



What would life on Earth be like if dinosaurs were not extinct? Write a paragraph describing a world where dinosaurs do exist.

Extension – once you have edited your paragraph, rewrite your work in your best handwriting for a 'best' copy.

SPELLINGS – have you had a go at learning your spellings for the last 2 weeks? Ask your grown up to test you! Don't forget to check the website tomorrow for a new list.

Maths task (This learning is also supported on White Rose Maths home learning with presentations and worksheets)

<https://whiterosemaths.com/homelearning/year-4/>

Decimals – reasoning and problem solving

- 1) Some children have planted sunflowers and have measured their heights.

Child	Height
Beth	1.23 m
Tony	0.95 m
Rachel	1.02 m
Kate	1.2 m
Faye	99 cm
Emma	0.97 m



- 2) Mo says 0.4 rounded to the nearest whole number is zero.

Whitney says 0.4 rounded to the nearest whole number is one.

Who is correct? Why?

Order the children based on the heights of their sunflowers in both ascending and descending order.

- 3) Alex says:

If I know $\frac{1}{2}$ is 0.5 as a decimal, I also know $\frac{3}{6}$, $\frac{4}{8}$ and $\frac{6}{12}$ are equivalent to 0.5 as a decimal.

Explain Alex's thinking.

- 4) A number with one decimal place rounded to the nearest whole number is 45

What could the number be?

Assessment available for the decimals at –

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2019/04/2019/04/2019/04/Year-4-Decimals.pdf>

Tomorrow....it's a bank holiday! There won't be any home learning tasks uploaded tomorrow. However, this weekend marks the anniversary of an important event. VE day (Victory in Europe day) is held on May 8th. It commemorates the end of the Second World War. I have uploaded a new home learning grid with some activities and learning for VE Day. It's also a great time to start looking at our 'Picture News' as there is a VE Day Picture News special. Picture news can be found under the 'Children' tab on the birches website.

Stay safe, have fun!

