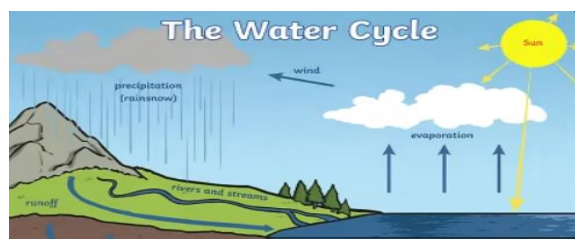


Year 4 Summer Term Project: What happens when water changes?

Stages of the Water Cycle

Step 1: Evaporation	Water from the surface is heated and turned into water vapour
Step 2: Condensation	When water vapour rises, it is cooled. This forms water droplets that group to form clouds and fog
Step 3: Precipitation	When the water droplets in clouds are blown by winds, are too large for the air to hold or the temperature drops, the water falls as rain
Step 4: Transpiration	Plants absorb water and turn it into water vapour. They then push excess water out through their leaves, where it is evaporated into the air
Step 5: Run off	When water falls onto a surface, it will run off the surface. Water will combine to form lakes, streams, rivers, channels, seas and oceans



Differences between the Amazon river and the River Thames

- The Amazon River's total length was found to be **4,345 miles**
- At **215 miles** (346 km), it is the longest river entirely in England
- The Amazon river is found in South America, in the Southern Hemisphere
- The River Thames is found in England, in the Northern hemisphere
- Dolphins are common in the Amazon river and rarely travel to the River Thames
- The Amazon river has been polluted due to **deforestation and gold mining**
- **The River Thames has suffered due to urbanisation and river barriers**

Similarities between the Amazon river and the River Thames

- Otters, fish and birds are found in the Thames and the Amazon river
- Dolphins have entered both rivers
- Pollution
- Snakes and sharks live in both rivers
- Both rivers are used for transport

Language Dozen

Prey	An animal that is hunted or killed by another animal for food. The predator that is uneaten is the apex predator
Predator	An animal that lives mostly by killing and eating other animals
Producer	Plants are called producers. This is because they produce their own food!
Evaporation	Water turns into a gas (water vapour)
Condensation	When water vapour cools and turns into a liquid
Precipitation	When water droplets fall as rain
Food chain	The flow of energy from the producer to the apex predator
Classifying	The act of arranging into groups of similar things.
Tropic of Cancer	The tropic of Cancer is the most northerly circle of latitude on Earth at which the Sun can be directly overhead.
Tropic of Capricorn	The Tropic of Capricorn is the southernmost circle of latitude where the Sun can be seen directly overhead
Equator	The Equator is a circle of latitude, about 40,075 km in circumference, and is halfway between the North and South poles
Hemisphere	Any circle drawn around the Earth divides it into two equal halves called hemispheres. There are Northern, Southern, Eastern, and Western hemispheres



"A community of learners aiming high to Excel and Exceed!"

SUMMER TERM 2023

Essential Question: *What happens when water changes?*

THE GOLDEN RULES

Do as you are asked the first time.

Take care of everyone and everything..

Show RESPECT at all times.

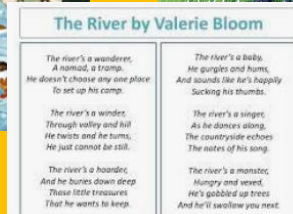
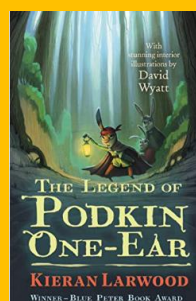
Good attendance is 95%+. "Five to nine is learning time!"



Summer Term Outcomes

- Children bring into school an empty shoebox to create a diorama showing the Amazon River food-chain.
- Children design and make their own character for their water animation.
- Children create postcards recounting trips to the Amazon and Thames Rivers.

Suggested Reading and Viewing



Remember to read at least 5x a week and have your Learning Log signed.

Key Dates

17.04. RETURN TO SCHOOL
 17.04. The Big Pedal starts
 24.04. Summer Clubs start and run for 10 weeks.
 01.05. Early May Bank Holiday
 08.05. Bank Holiday for King Charles' Coronation
 12.05. Y4 to Sealife Center
 19.05. Shakespeare Day
 22.05. Wellbeing Week
 25.05. Aiming High Assemblies
26.05. Break up for Summer Half-Term holiday.

05.06. Back to School

15.06. Y4 Walesby Residential
 26.06. INSET Day
 27.06. KS2 Sports Week
 29.06. RSE Day – Let's Launch into Kindness.
 29.06. KS2 Sports Afternoon
 03.07. Twelfth Night Playhouse Performance for Y4/Y6 in school.
 04.07. In Harmony End of Year Concert for Y3, 4 and 5.
 05.07. Transfer Day – all classes meet new teachers.
 12.07. In Harmony end of year concert.
 14.07. Y2 to Y6 Talent Show
 14.07. Summer Fair
 17.07. Learner's Transition Week
 24.07. Aiming High Assemblies
28.07. Break up for the Summer Holidays!
04.09. Return to school for the Autumn Term 2023!

Helpful Websites

www.robinhoodprimary.co.uk

www.ttrackstars.com

PE

Full PE kit to be worn on Tuesdays.

Homework

Spellings are pre-tested and handed out each Monday and tested again on the following Friday.

Times Tables

In June, the children will be completing their multiplication check.

