Central Idea

This statement ties the learning together to create connections and provide a context across pupils' knowledge.

Lines of Inquiry

These inquiries are the phases of learning that take place, supporting the children to develop their understanding of the central idea.

- I. Earth's natural cycles (function)
- 2. Changes to the Earth's landscape (change)
- 3. How human systems impact the Earth (connection)

Physical and human systems can transform our world.

Words in blue do not link to the central idea.



Fractions:

comparing and ordering fractions, mixed numbers and improper fractions, equivalent fraction families, adding and subtracting fractions with the same denominator.

Decimals:

. tenths and hundredths as decimals, dividing one and two digit numbers by 10

English

Texts:

The River Singers by Tom Moorhouse The River by Hanako Clulow Writing Outcomes:

Non chronological report Explanation Poetry

Computing

Lego:

 designing and using repeat instructions to code, test and debug programs.

YEAR 4 MODULE 4

Science

States of Matter

- comparing and grouping materials
- observing the change of state when some materials are heated or cooled
- Identifying the part played by evaporation and condensation in the water cycle.

Social Studies

History: Developing knowledge of chronology Geography:

- How humans work with the natural water cycle to provide water to our homes.
- Rivers and why they change over time.
 RE: Why is Jesus inspiring to some people?

The Arts

Art: Vincent Van Gogh

- Studying and appraising Van Gogh's art work.
- Layering pastels to create art in the style of Van Gogh.

PSPE

PSHE: How can we look after our environments?

PE: Swimming

Apps

Spelling Shed / Ed Shed
TTRS

LanguageNut (Spanish)

Get Creative

- · Create your own times table song.
- Creating own artwork using techniques learned at school.
- Can you make your own version of Vincent Van Gogh's famous art work?

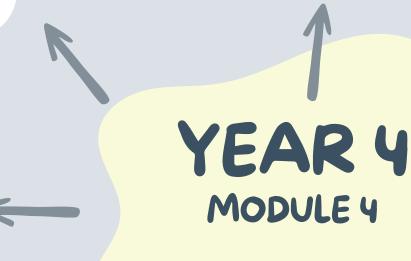
Action

Communicate and share your learning with others, e.g.:

- Share your home learning with your teacher.
- Present your learning to an adult at home.



- History Museum (London)
- The River Thames
- The River Medway



Home Learning
Opportunities



- Programmes on TV about rivers or the human water cycle.
- Maps that show a rivers journey.
- Evaporation and Condensation (this could be when cooking, bathing etc.)



- Use Scratch to design a loop of block code.
- Make a Book Creator or iMovie for the Water Cycle.

Websites

- Google Earth
- Canoe Quest (River & Rock
- Bame)
- · Rivers of the World Quiz

In the Car

- Sing a time tables song.
- Listen to a history podcast
- Guess the Country hints based on what is known about the country.
- Look for rivers or water sources on your journey.

Get Outdoors

- What wildlife lives near our local rivers?
- Save wildlife by doing a litter pick or something to support the environment.