

This term's Big Question:  
How do rivers and canals create and enhance settlements, such as Banbury?

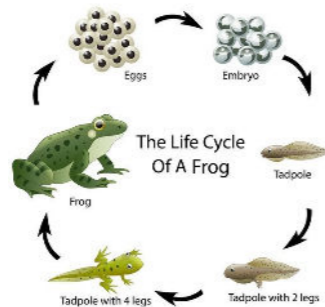
In this project children will learn: to design, make and evaluate a bridge to cross the River Cherwell; considering environmental impact and landscaping.

Trips, visits and events  
Growing butterflies  
Week 3 - Visit to canal  
13th September—Roald Dahl Day  
4th & 6th October—Parents Evenings  
6th October—National Poetry Day

Science— Living Things and Their Habitats

Key vocabulary:

- Mammal
- Reproduction
- Insect
- Amphibian
- Bird
- Vertebrate
- Invertebrate
- Fish
- Offspring
- Metamorphosis



**Harriers Banbury Academy**  
**Year 5 Knowledge Organiser**  
**Term 1 Aspirations: Belonging and Curiosity and Creativity**

- 30 treinta
- 40 cuarenta
- 50 cincuenta
- 60 sesenta
- 70 setenta
- 80 ochenta
- 90 noventa

Spanish



- uno
- dos
- tres
- cuatro
- cinco
- seis
- siete
- ocho
- nueve

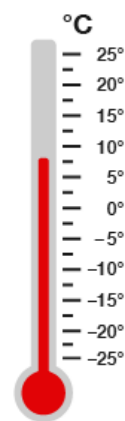
Computing

Key vocabulary

- Internet
- Device
- Power
- Output
- Control
- Safety
- Light
- Warning
- Detector
- Microbit



Maths



Negative Numbers:

Roman numerals:

1	I	11	XI
2	II	20	XX
3	III	30	XXX
4	IV	40	XL
5	V	50	L
6	VI	60	LX
7	VII	70	LXX
8	VIII	80	LXXX
9	IX	90	XC
10	X	100	C

Key vocabulary:

Compare, digit, order, rounding, value, worth, greater than, less than, equal to, million, thousand, times, interval.

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

**charanga MUSICAL SCHOOL Music**

How Does Music Bring Us Together?

Getting Started with Music Tech: This Unit of Work celebrates a wide range of musical styles, supporting the key areas of the music curriculum; Listening, Singing, Playing Composing and Performing.

RSE - Me and my relationships

Being kind to one another, healthy relationships, how to respond to risky/negative relationships, how to be a good team member, how to identify feelings, identifying trusted adults and what to do when upset.

English

Reading: Non-fiction text - Once upon a Raindrop, The River Story. Fiction text -Floodlands by Marcus Sedgwick

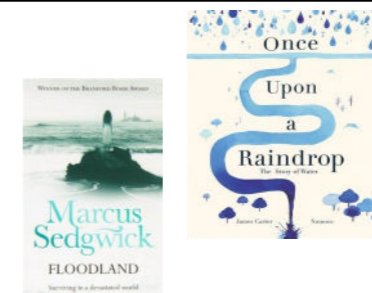
Writing: Poetry, diary, instructions, letter, Persuasive speeches, narrative.

Grammar Key vocabulary:

Nouns, verbs, adjectives, adverbs, determiners, pronouns, expanded noun phrases, commas in a list, metaphor, simile, fronted adverbials, present perfect, formal/informal language, coordinating and subordinating conjunctions, personification, using standard English in writing to be published, use and punctuate direct speech, inverted commas.

Spellings:

Words with endings that sound like /shuhs/ spelt with -cious; Words with endings that sound like /shuhs/ spelt with -tious or -ious; Words with the short vowel sound /i/ spelt with y; Words with the short vowel sound /i/ spelt with y; Homophones/near homophones.



PE

P.E kits must be in all week as we will be teaching two lessons a week.

Fitness: Key Vocabulary:

- strength
- Speed
- power
- agility
- coordination
- balance
- stamina



Hockey: Key Vocabulary:

- dribbling
- passing
- receiving
- tackling
- creating and using space
- shooting



# KS 2 Geography Knowledge Organiser

Driving Question: How do rivers and canals create and enhance settlements, such as Banbury?

## Prior Learning

- Understand the earth's key physical and human process and how these have changed over time with Locational knowledge.
- Locate the world's countries, using maps to focus on Europe concentrating on their environmental regions, countries, and major cities.
- Know the continents of the world and locate them on a map.
- Use Geographical skills and fieldwork.
- Use maps, atlases, globes and digital/computer mapping to locate a region studied.



## Key Knowledge

In this project, pupils will become the designers of a real and purposeful product, to design a bridge to cross the river Cherwell with a light control system.

- The task will be to understand the community need for a crossing and the importance of structure.
- Pupils must consider how to program a microbit and how this can be activated by vehicles and pedestrians.
- Alongside their presentation to Cherwell District Council to persuade, pupils will have to consider the environmental impact on the habitats of animals living within the construction area linked to their scientific knowledge of life-cycles.
- The pupils' knowledge of colour and pattern to create emotion will be used to landscape the site.
- As a result, the pupils will create a bridge, with consideration on the local wildlife and landscape to enhance the local environment along with a persuasive letter to the local council.

## High Frequency Vocabulary (Tier 2)

country	mountains	climate zones	water cycle	food
city	coasts	biomes	natural resources	minerals
region	rivers	vegetation belts	energy	Water
hills	land-use			river

## Subject Specific Vocabulary (Tier 3)

Floodplain	An area of low lying ground, adjacent to a river.
Meander	To follow a winding course.
Basin	A wide, open container used for holding liquid.
Source	From where a river originates.
Tributary	A river or stream flowing into a larger river or lake.
Confluence	The junction between two rivers of equal width.
Delta	A landform shaped like a triangle created by the deposition of sediment that is carried by a river.
Estuary	The tidal mouth of a large river where the tide meets the stream.
Levee	An embankment built to prevent the overflow of a river.
Mouth	The place where a river enters a lake, a large river or ocean.
Oxbow lake	A horseshoe-shaped lake at the side of a river.
Waterfall	When a river flows overland which is two different levels of height.
Main channel	A type of landform consisting of the outline of a path or relatively shallow and narrow body of water.

## Key Concept Questions

Can I explain how the features of a river are formed?

Can I explain why settlements have developed near rivers?

What are the main features of a river?

## Key Places

## Detail

Oxford Canal

A 78 mile narrow boat canal in central England, linking the City of Oxford with the Coventry Canal at Hawksbury via Banbury and Rugby.

River Cherwell

A tributary of the River Thames in central England. It rises near Hellidon and flows southwards for 40 miles.