# Rivers and the UK Curriculum Overview for Year 5, Summer Term 2018

# **English**

- Read a wide range of literature including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions.
- Making comparisons within and across books.
- Discussing their understanding and checking the meaning of words in context.
- Drawing inferences such as inferring about characters' feelings, thoughts and motives.

- Plan writing by identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own.
- In narrative, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action.
  - In their own writing, use a wide range of devices to build cohesion within and across paragraphs.

- Using passive verbs to affect the presentation of information in a sentence
- Using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun
- Using commas to clarify meaning or avoid ambiguity in writing.
- Using hyphens to avoid ambiguity.
   Using brackets, dashes or compass to indicate parenthesis.

### **Art & Design**

- Use sketchbooks to collect, record, review and evaluate ideas.
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials.
- Learn about great artists, architects and designers.

## Computing

- Collect and present data appropriately
- Be discerning in evaluating digital content
- Use logical reasoning
- Design & write programs to solve problems
- Use sequences, repetition, inputs, variables and outputs in programs
- Detect & correct errors in programs
- Understand uses of networks for collaboration
  & communication

## **Mathematics**

- Number Decimals
  Weeks 1, 2, 3 and 4
- Geometry Properties of shapes
   Weeks 5, 6 and 7.
- Geometry Position and direction
  Week 8
- Measurement converting units
   Weeks 9 and 10.
- Measures volume
  Week 11

# **Design & Technology**

- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
  - select from and use a wider range of tools and equipment to perform practical tasks accurately
- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

## Geography

- Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America.
- Name & Locate countries, cities, regions and features of the UK.
- Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.

### Modern

# Languages

- Listen & engageEngage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Understand basic grammar, e.g. gender

# Music

- Perform with control & expression in solo and in ensembles
- Improvise and control using dimensions of music
- Listen to detail and recall aurally
- Use and understand basics of staff notation
- Develop an understanding of the history of music, including great musicians & composers.

### Science

#### Forces:

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

#### Living things and their habitats

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- Describe the life process of reproduction in some plants and animals.

#### Animals including humans

• Describe the changes as humans develop to old age.

## History

 Know and understand the history of these islands as a coherent, chronological narrative, from the earliest times to the present day: how people's lives have shaped this nation and how Britain has influenced and been influenced by the wider word.

# Physical )

## Education

- Use running, jumping, catching and throwing in isolation and in combination.
- Develop flexibility & control in gym, dance and athletics.
- Compare performances to achieve personal hests
- Swimming proficiency at 25m

## Religious

### Education

Continue to follow locally agreed syllabus for RE