

# Year 4

## Spring Term 2 – Rivers



### Main Texts

#### The Iron

By  
Ted Hughes

### Maths

This half-term, will continue to explore fractions, were activities involve added and subtracted fractions and recording fractions in their simplest form. We will also look at 12 hour / 24 hour clock. We will convert between units of time, such as seconds, minutes and hours. We will learn how to solve time problems and conversions.

We will then move on to focusing on 'Decimals' providing us with the opportunity to tackle a range of problems that require us to write in tenths and hundredths.

### Science

In Science, we will continue to look at States of Matter. We will be investigating how long it takes different size objects to melt, measure the changes in volume of water over time and look at how surface area evaporation time. We will also be describing the water cycle.

Vocabulary: Solid, liquid, gas, state change, melting, freezing, melting point, boiling point, evaporation, temperature, water cycle.



### Come and See

In the topic, 'Giving' we will learn that self-discipline is extremely important. We consider our own experiences about following rules and celebrating how we develop our respect for others and grow personally through self-discipline. Exploring the season of Lent, we will focus on how Christians practise both giving and giving-up, to identify with the complete self-offering of Jesus which is remembered in the liturgy of Holy Week and the Easter Triduum (Holy Thursday, Good Friday and Easter Vigil).

Vocabulary: self-discipline, effort, potential, penance, contrition, Lent, Easter, Resurrection, fasting, almsgiving, Easter Triduum, Holy Week

### English

During this half term we will be reading 'The Iron Man' by Ted Hughes. This book will form the main focus and motivation for our writing composition, grammar, reading and speaking and listening. Tasks will involve writing newspapers, diary entries and recipes.

Our grammar focus involves work around the tenses, such as using the present perfect form of verbs in contrast to the past tense. We will also use fronted adverbials ensuring the correct use of the comma and create cohesive writing through our choice of noun or pronoun. During poetry lessons we will listen to and write their own raps.

We will continue to improve our reading and comprehension skills throughout our guided reading sessions where we will draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence. We will identify how language, structure, and presentation contribute to meaning.

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### Humanities

#### Geography

Focusing on physical geography, we will be researching rivers and mountains in the UK, looking at where they are situated in the UK. We will be describing the River Dee using key vocabulary, and looking at other rivers such as the River Mersey and discussing erosion and the effects river pollution.

Vocabulary:

River, meander, United Kingdom, River Dee, River Mersey, River Thames, water cycle, pollution, flow, upstream, downstream.

### STEM

#### DT

During our DT lessons, linking with the Romans, we will be researching, designing and making our own amphitheatre.

#### Computing

During this unit we will looking at data collection. We will be using a digital device to collect data automatically, explaining how a data logger collects 'data points' from sensors over time and use data collected over a long duration to find information and answer questions.

### Arts

#### Music

This half-term we will be singing on pitch and in time, adjusting for accuracy when needed, singing with attention to phrasing on my own or as directed and singing expressively, paying attention to articulation.

### PE

#### Athletics Football