

# Year 6 Autumn 1: Voyage Across the North Atlantic

## Curriculum connections

### 6 English

Biographical writing.

Narrative writing based on the text 'There is a boy in the girls' bathroom' by Louis Sachar.

Explore characterisation through description of characters' actions and dialogue.

Hot seat characters and dramatise scenes.

Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justify inferences with evidence in response to texts.

Write a letter of advice.

Increase the legibility, consistency and quality of handwriting.

Learn spelling rules for words ending -cious and -tious; -cial and -tial; -ant, -ance and -ancy; -ent, -ence and -ency; -able, -ably and -ible/-ibly.



### 6 Maths

Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit.

Round any whole number to a required degree of accuracy.

Solve problems using measurement, including decimals.

Identify prime numbers, factors and multiples.

Use written methods to add/subtract numbers up to 10 000 000.

Multiply/divide multi-digit numbers up to four digits by a 2-digit whole number using formal written methods.

Perform mental calculations, including with mixed operations.

Use common factors to simplify fractions; use common multiples to express fractions in the same denomination; compare and order fractions, including fractions  $> 1$ ; add/subtract fractions with different denominators and mixed numbers; multiply/divide proper fraction.

### 6 Geography

Identify the countries of North America.

Investigate and compare climates across North America.

Explore the geographical features of North America.

Explore capital cities.

Explore the various time zones of North America and how these compare to other time zones around the world.

Use a variety of appropriate sources to find out about the human and physical geography of various regions in North America

Compare human geography of a region in the UK with a

### 6 D&T

**Design a burger for a new restaurant opening**

Explore and evaluate different types of burgers for taste, (meat and vegetarian) and their nutrition facts.

Explore how to make burger patties by measuring and combining ingredients.

Explore sauces and side dishes for burgers.

Plan, design and make a burger including writing a step-by-step recipe, and evaluate the process.



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region in North America.

6

6

### Science

#### Light up your World, Light and Shadow

Recognise that light appears to travel in a straight line.

3

Explain that objects are seen because they give out or reflect light into the eye.

Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.

Explain why shadows have the same shape as the objects that cast them.

6

### RE

#### Judaism

Focus on Rosh Hashanah and Yom Kippur.

1

Answer the question 'What does Shabbat teach about responsibilities and relationships?'

6

### Computing

#### Introduction to Python

Know that Python is a text-based programming language.

4

Understand that exploring the code beneath the site can alter websites.

3

Design, write and debug programs that accomplish specific goals.

2

Solve problems by decomposing them into smaller parts.

6

### PE

#### Net wall games –

Develop individual shots

5

**Invasion Games -**  
Football

4

3

6

### Music

#### Cats and Mice

Sing and perform two poems with instruments.

4

Play and perform with musical instruments in solo and ensemble contexts.

3

Play instruments with increasing accuracy, fluency, control and expression.

6

### PSHE

#### Relationships

Feelings and emotions: Recognise and respond to others' feelings; keep a confidence or a secret; recognise and manage dares.

5

Healthy relationships: Understand what constitutes a healthy relationship; how actions and behaviour can affect relationships; boundaries within relationships; work together; conflict.

4

3

6

### Spanish

#### Hablamos español

Give and ask for personal information.

5

Know where Spanish is spoken.

Ask for directions and know own address.