

## Design Technology

Use knowledge of existing products to design his/hers functional products.  
Create designs using annotated sketches cross-sectional diagrams and computer programmes.  
Safely measure mark out, cut, assemble and join with some accuracy.  
Make suitable choices from a wider range of tools and unfamiliar materials and plan out the main stages of using them.

## MFL

See separate plan.

## English

### **Core Text: Street Child by Berlie Doherty**

*Support materials: Oliver Twist by Charles Dickens, A Christmas Carrol by Charles Dickens, The Lottie Project by Jacqueline Wilson, From a Railway Carriage by Robert Louis Stevenson.*

#### **Writing objectives:**

Draft and write narratives, creating settings, characters and plot.

Plan his/her writing by discussing writing similar to that which he/she is planning to write in order to understand and learn from its structure and vocabulary.

Proof-read for spelling errors and for punctuation – including capital letters and full stops, question marks and exclamation marks.

#### **Spelling objectives:**

Spell words that are often misspelt (English Appendix 1)

Spell words with ending sounding like 'zh' and 'ch' e.g. treasure, measure.

Use the prefixes un-, dis-, mis-, re-, pre-.

Use the first two or three letters of a word to check its spelling in a dictionary.

#### **Vocabulary, grammar and punctuation:**

Begin to use inverted commas to punctuate direct speech.

Form nouns using a range of prefixes e.g. super, auto, anti.

Understand the following terminology: preposition, conjunction and prefix.

## Geography

### History

Use a timeline within a specific time in history to set out the order things may have happened.  
Use my mathematical knowledge to work out how long ago events in recent and local history would have happened.  
Use various sources of evidence to answer questions.  
Rochester visit to compare time periods.  
Chronological language  
CrossNess – engineering  
Changes to Christmas over the years – link own life experiences.

## Year 3

## Term 2

## Victorians

### RE/ PSHE

#### The Bible

The bible as a source of Christian belief and teaching – reasons why people read the bible  
The Old and New Testaments and the fact that they are many books – they include different genres: histories, law, songs, Gospels and letters  
The Gospel stories are about the life of Jesus  
Teachings about the kingdom of God: The Lost Sheep, parables, beatitudes  
Ten Commandments with focus on the two greatest commandments

## ICT

Hour of Code week in December

I can use algorithms to achieve a specific goal.  
I can speak about how ICT helps me to learn.

## Science

### Light

Notice that light is reflected from surfaces.  
Recognise that he/she needs light in order to see things and that dark is the absence of light.  
Recognise that light from the sun can be dangerous and that there are ways to protect eyes.  
Recognise that shadows are formed when the light from a light source is blocked by a solid object.  
Find patterns in the way that the size of shadows change.

## Maths

Left over steps from Term 1 addition and subtraction

White Rose – Number – Multiplication and Division

- Count from 0 in multiples of 4, 8, 50 and 100
- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
- Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.
- Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objectives.