



# Curriculum Overview- Building Bridges!

Year 4 Willow  
Autumn Term 2 - 2016

## English



### READING

We will be:

- Reading a variety of different text types to help us develop our reading and comprehension skills.
- Asking questions to develop the use of who, what, where, when, why.

### FICTION WRITING

We will be:

- Developing skills in writing stories.

### NON-FICTION WRITING

We will be:

- Developing skills in writing diary entries.
- Developing skills in note taking and summarising.
- Writing information texts about bridges.

### SPELLING AND PHONICS

We will be:

- Developing our phonic skills and learning spelling patterns from the Letters and Sounds programme.

### SPEAKING AND LISTENING

We will be:

- Developing our speaking and listening skills through drama.

## TOPIC: History Geography, Art and D&T



### Topic Unit: Bridges

In **HISTORY** we'll be finding out about:

- About the Victorian period.
- Bridges built during this era, including Ironbridge in Telford.
- Expansion of the railways.
- Famous engineers, including George Stevenson and Isambard Kingdom Brunel.

In **TECHNOLOGY** we will be:

- Researching bridge designs and the different ways they are structured.
- Designing and making our own bridges, using a variety of different materials and deciding which of those materials are the best for the job.
- Choosing and using a wide range of foods to design and make a bridge structure out of food.

## Science



In **SCIENCE** we will be:

- Comparing and grouping materials according to whether they are solids, liquids or gases.
- Observing that some materials change state when they are heated or cooled
- Researching and measuring temperatures at which materials change state.

## Maths



### NUMBER and CALCULATION

We will be learning and reinforcing skills linked to:

- Multiplication and division facts for tables up to 12x12.
- Problem solving involving multiplication and division.
- Adding and subtracting money.

*We will place a big focus on problem solving and applying four number operations to real life problems.*

### MEASURE and GEOMETRY

We will be:

- Identifying lines of symmetry in regular 2D shapes.
- Identifying right angles, acute angles and obtuse angles.
- Telling the time on analogue and digital clocks.

### DATA

We will be:

- Interpreting data using appropriate graphical methods, including bar graphs.
- Solving comparison problems using information in pictograms, tables and graphs.



## Physical Education



In P.E. we will:

- Develop hand-eye coordination through throwing and catching.
- Learn basic racket skills and techniques and play badminton to develop these.
- Learn a variety of break-dance moves and perform routines in teams.
- Compare performance to achieve personal best.

## Music



In Music we will be:

- Developing our skills in singing, including pitch and tone of voice.
- Performing with control and expression.

## Computing



In **COMPUTING** we will be:

- Understanding networks, including the internet, learning about how they provide multiple services and the opportunities they offer for communication.
- Making children aware of e-safety elements.

## Life Skills and R.E.



In **LIFE skills and R.E.** we will be looking at:

- Going for Goals and being aware of making the right choices in our everyday experiences.
- British Values and how they impact on life in our community.
- Keeping ourselves and others safe.
- Different religious practices and ways of life.
- Exploring the significance of key vocabulary, phrases and expressions within a religious context.

## Themed Days

### Entry to Topic:

- Teambuilding and outdoor learning - working in teams to build a bridge.
- Victorian themed day where children are invited to dress in Victorian costumes.

### Exit to Topic:

- Children will sell their food structures at a Christmas Victorian fayre where parents are invited in.

## Information & Upcoming Events

- Victorian themed day – 10<sup>th</sup> November
- Our new Home-School Diaries have arrived in school and will be used for homework, spellings, reading and other communication between school and home.
- Home Learning is given out for English and Maths on Friday- to be returned by the following Tuesday.
- Spellings are given out Monday and tested on Friday.
- Homework club is on Monday lunch time if you did not get chance to complete your homework over the weekend.
- Christmas Week – Monday 12<sup>th</sup> December