

In Art and DT

As Artists, we will be building and experimenting with our own ways to build towers, bridges and tunnels using different materials.

As Designers, we will be constructing our own castles using different materials (paper, cardboard, plastic, sponge or wood) and making sure we include all of the important features. We will be building a new tower for Rapunzel and we will be evaluating the structure that we have designed.

Maths

As Mathematicians, we will be exploring numbers in great detail by counting forwards and backwards from any given number and comparing 2-digit numbers.

We will explore the place value of 2-digit numbers and learn how to partition them into tens and ones, in different ways. We will be using a range of resources and methods to show our working out including using Dienes, place value charts, place value tables and number bond diagrams.

Using our knowledge of place value, we will begin to start adding simple numbers including adding a 1-digit number to a 2-digit number and adding tens numbers to 2-digit numbers.

Science

As Scientists, we will learn about a range of bridges and tunnels before sorting and classifying them. Children will also learn about an important civil engineer who changed the face of the English landscape with his ground-breaking designs and ingenious constructions.

We will carry out an investigation linked to materials to find out which materials are the most sturdy.

PE

As Athletes, we will be developing our throwing and catching skills. We will learn the correct positions to throw and catch and we will use a range of resources from soft balls to beanbags.

We will also work on teamwork, coordination, balance and agility through team games such as Hot Potato and Handball.

Learning in Year 2

Our Topic in Term 1 is Towers, Tunnels and Turrets



Geography and History

As Geographers, we will be finding out about famous towers around the world and locating these on a map using an atlas for support. We will also be finding out about human and physical features in our local area around East Ham and drawing these on to a map. Finally we will be looking at famous tunnels and how they have been built.

As Historians, we will be researching the key features of different castles and ordering different styles of castle on a timeline in chronological order. We will also be learning about Isambard Kingdom Brunel and some of the amazing structures he designed and engineered.

Computing

As technicians, we will be learning how to take photos of our work and upload it to Seesaw. We will use the app 'Pic Collage' to edit some of our photos. We will also use search engines to research castles.

Our Online Safety unit of work this term will focus on who our trusted adults are and how our online identity is different to our real identity.

English

As Readers and Writers, we will first focus on a non-fiction unit of work where we will learn about the features of non-fiction books. We will complete a range of sentence level activities focusing on writing sentences using capital letters, full stops, finger spaces and the correct use of the past tense. We will use these skills and our knowledge of castles to plan and write a non-fiction piece of writing.

Towards the end of the term we will focus on a well-known English civil engineer named Isambard Kingdom Brunel who is famous for building dockyards, the Great Western Railway and numerous important bridges and tunnels. Children will use the knowledge they learn to write a fact file about Isambard Kingdom Brunel.

RE

In RE, we will be exploring the question 'Where does the world come from and how should we look after it?'

In this unit we will notice and find out about religions and worldviews, thinking about how the world began and what stories other religions tell about how the world began. We will also learn how to consider, link and discuss questions, ideas and points of view.