

Year 6 Autumn

Lights out

Art:

Artist Study, LS Lowry –
Children will explore perspective,
line and tone

To use appropriate media and
techniques for a specific outcomes

To be able to use painting skills
with growing confidence for a

wider range of purposes,

To use hard and soft lines to
describe quality of edges or
appearances

To use gradated tone to describe
3D character of objects

To create a sense of visual depth
by employing cool and warm
colours in a picture

ICT

We are App developers

The Year 6 units form a sequence, beginning
with this one in which the pupils learn about the
capabilities of smartphones, think of a problem
that a smartphone or tablet app could solve, and
then pitch the idea for their app.

Geography:

Plotting the war – Children will
understand which cities and
countries were effected by WWII

To locate the world's countries,
using maps to focus on Europe
(including the location of Russia)

... countries, and major cities

To name and locate counties and
cities of the United Kingdom,
geographical regions and their

identifying human and physical
characteristics, key topographical
features To use maps, atlases,

globes and digital/computer
mapping to locate countries and
describe features studied

Year 6 Autumn term 'Lights out'

This term we are focusing on
light in all areas of the
curriculum.

History:

A Local History Study – Children will learn about
WWII by looking at the effects on the local
environment and its people

To carry out a study over time tracing how several
aspects of national history are reflected in the locality

To study an aspect of history dating from a period
beyond 1066 that is significant in the locality.

PE

Hockey

Children will learn how to play and use
equipment correctly in order to play
hockey.

English

Week 1: Poems

Week 2: Summer recount

Week 3: Baboon on the moon

Week 4: Baboon on the moon

Week 5: Black History Roots

Week 6: Black History speech

Week 7: The nights the bombs fell

Week 8: The greatest showman

Week 9/10: Enterprise

Week 11: Instructions of growing own fruit and veg/ how to make soup

Week 12: Evacuation balanced argument

1

Maths

In maths we will be covering a range of topics this term. Children will be given opportunities to consolidate their learning from Year 5 and build upon this to achieve the Year 6 objectives.

These are the topics we will be covering this term:

- Number and place value
- Mental addition and subtraction
- Written addition and subtraction
- Mental multiplication and division
- Written multiplication and division
- Problem solving, reasoning and algebra
- Decimals, percentages and their equivalence to fractions
- Problem solving, reasoning and algebra
- Measurement
- Fractions, ratio and proportion
- Geometry: properties of shapes

Science

Light

- Recognise that light appears to travel in straight lines
- use the idea that light travels in straight lines to 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
- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

Electricity

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognised symbols when representing a simple circuit in a diagram

Year 6 Spring

All about me. Sorted!

RE:

- Know that Abraham founded Judaism
 - Know that Judaism was founded in Israel and locate Jerusalem on a map.
 - Understand that Jews believe there is only one god.
 - Understand that Jews live by ten key rules and explain one of them through illustrations and relate the Ten Commandments to the modern world.
 - Match and label the key objects and symbols of a synagogue to their picture.
 - Name the key Jewish festivals.
 - Understand the holy book (the Hebrew Torah) and recreate their own holy book.
 - Name and explain the meanings of Jewish symbols.
 - Explain the relevance of each item on a Seder plate at Passover.
- Understand the events of the covenant between God and Abraham.
- Relate key items on a Seder plate to special personal items in a child's life.
 - Write in Hebrew on their own scroll.

ICT

We are App developers

Spring 1: This is the second in a sequence of six Year 6 units in which pupils work collaboratively to develop a smartphone or tablet app. Pupils apply computational thinking to the task of managing a complex project

Spring 2: pupils conduct research into the potential market for their app, using an online survey together with interviews or focus groups.

They analyse the data and information they obtain and create a presentation summarising their findings.

PE

Spring 1 Dance

Children to explore and improvise ideas for dances in different styles, working on their own, with a partner and in a group. PE will be linked to history and each week will focus on music during different time periods.

Spring 2 gymnastics

Children will be using a range of different apparatuses to travel on. This will include the wall equipment as well

Year 6 Spring term

All about me. Sorted!

English

- Talk for writing:

Children will verbally learn a story, this will help children to focus on different elements in a story. Next, they will write their own story in the same style as the one they have learnt. They will really focus on including their targets in their writing.

- Power of Reading

(Wolf brother):

Children will engage with a whole-class reading of a novel which links with history (the stone age). Writing opportunities: description of a setting, poetry, persuasive writing, letter, balanced argument, stone age based stories, diary entries and many more.

Science

Spring 1 Light

In this unit we will be looking at:

- Reflection
- Refraction
- How light travels
- How we see
- How we see colour
- Shadows

Spring 2: electricity

Revisiting electricity topic for year 4

- Symbols for circuits
- How components work in a circuit
- How different variables affect components in a circuit

Maths

In maths we will be covering a range of topics this term. Children will be given opportunities to consolidate their learning from Year 5 and build upon this to achieve the Year 6 objectives.

These are the topics we will be covering this term:

1. Properties for 2d and 3d shapes
2. Reading, writing and ordering decimal numbers
3. Formal written methods for all 4 operations (Column addition & subtraction, long multiplication & long division.)
4. Solving problems & reasoning skills
5. Time
6. Factors and multiples
7. Fractions
8. Angles

This term will consist of a lot of revision in order to prepare the children for the SATS

Year 6 Spring term
All about me.
Sorted!

Year 6 Summer

Where I'm from and

where I'm going.

PSHE

We will be preparing pupils for their transition to secondary school. In this topic we will be addressing any social or emotional issues the pupils are feeling and how they can deal with them.

PE

For the majority of the Summer term year 6 will be going swimming.

ICT

We are App developers

Summer 1: In this unit, the pupils draw on their work from the previous Year 6 units to create a working app. They write down their algorithms, and use a programming toolkit to code them.

Summer 2: The pupils work collaboratively to produce marketing materials for the app they have been developing in the Year 6 units. They create a poster or flyer, develop a simple website, and shoot a short video.

History/geography The Mayan civilisation

To discover facts about the Maya Civilisation.

To consider similarities and differences between ancient religions and different religions today.

To look at the characteristics of Maya gods and design your own

To look at the Maya number system

To find out what Maya people grew and ate.

To locate the ancient Maya Cities.

To find out what we know about the Maya from the drawings of Frederick Catherwood

Consider what we know about Chichen Itza and use the information to create a leaflet for tourists.

Year 6
Summer term
Where I'm from
and where I'm
going.

English

Life during the stone age:
Year 6 will be using their knowledge from the book 'Wolf Brother' and the Cave Man experience to create an information text. They will be focusing on: tools, hunting and gathering, shelter and clothing.

Switch zoo: The children will be creating an animal that has the features of three different animals. They will then write an information text about explaining where their animal lives, how it is adapted to it's habitat and diet.

Dracula's Whitby (narrative):
The year 6 pupils will watch a short clip based on a spooky house, they will write a narrative inspired by the short clip.

Science

Electricity:

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognised symbols when representing a simple circuit in a diagram

Living things and their habitat:

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-

Organism: plants and animals

- give reasons for classifying plants and animals based on specific characteristics.

Evolution and inheritance:

- Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Maths

In maths we will be revising over a range of topics such as:

- Properties for 2d and 3d shapes
- Reading, writing and ordering decimal numbers
- Formal written methods for all 4 operations (Column addition & subtraction, long multiplication & long division.)
- Solving problems & reasoning skills
- Time
- Factors and multiples
- Fractions
- Angles

This term will consist of a lot of revision in order to prepare the children for the SATS

After the SATS the pupils will participate in transition lessons which will prepare the pupils for year 7. This mainly involves investigation work.