

## **Maths**

### Volume

Working out volume including problem solving

### Length

Comparing and converting different measurements.

### Statistics

Reading and presenting data and solving problems

As well as revision in these areas:

### Place Value:

Numbers up to ten million

### Four Operations :

Addition and subtraction up to ten million.

Multiplying and dividing up to 4 digit by 2 digit

### Negative numbers:

Counting across zero

### Fractions:

Equivalent, comparing, ordering, adding, subtracting, multiplying mixed fractions and dividing.

### Decimals:

Comparing, ordering, adding, subtracting and multiplying to two decimal places.

### Percentages:

Finding percentages of an amount and comparing.

### Algebra:

Identifying rules, using formulae and missing numbers.

### Ratio:

Solve problems with multiplying and dividing facts.

### Geometry:

Draw and classify 2D and 3D shapes.

Name parts of a circle and all types of angles.

### Area and Perimeter:

Calculate the area and perimeter of simple and complex shapes.

## **Science**

### Light

How light travels

Light, sight and the human eye

Visible light

Perceiving colour

### Evolution and Inheritance

Five kingdoms, microorganisms and viruses

Classifying fossils

Theory of evolution and evolutionary tree diagrams

Inheritance and variation

## **Geography**

Our Geography this term is Climate Change.

We will look at the following areas:

Climate change and global warming

Extreme weather and people Trade around the world

Traffic data

Human settlement patterns

### History

WW2:

Causes of the war

Weapons and technology

Civilian life

End of the Second World War

# Year 6 Curriculum

## Lent Term

### **English**

- \* Class read: The Giver by Lois Lowry
- \* A range of spelling rules that will identical to those in homework.
- \* Recapping Key Stage Two Grammar including all of the word classes, conjunctions, subject and objects, parenthesis, direct speech, active and passive voice, colons, semi colons and dashes.
- \* Writing tasks in the following genres: Non-Chronological reports, Newspapers ,Narratives and Letters.

## **RSHE**

Making Babies, Types of Abuse , Impacted Life-styles , Making Good Choices , Giving Assistance , Catholic Social Teaching & The Holy Trinity

[Online Parent Portal – Ten Ten Resources](#)

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**Homework Project to be completed and in school by Friday 6th March, 2025.**

Please complete two of the following :

Design a colourful and informative Climate Change Poster

Make a model of an Anderson Shelter using whatever materials you like!

Create a Powerpoint on the key events in WW2

Write a letter to our local MP (Neil O'Brien) warning about the effects of climate change, asking what he is doing to help Market Harborough.

Useful websites: BBC Teach – World War Two

World War II for Kids - Ducksters

National Geographic for Kids-What is Climate Change?

## PE

Gymnastics: To perform counterbalances and counter tension balances.

To explore a range of rolls and incorporate them into partner routines.

To roll on, off and over apparatus within routines.

Basketball: To use a range of passing techniques.

To dribble the ball effectively.

To shoot with accuracy.

## French

Healthy Lifestyle:

10 new nouns and determiners for healthy food/snacks – white meat, fish, low fat cheese, skimmed milk, whole-meal bread, water, cereal, vegetables, fruit, nuts

10 new nouns and determiners for unhealthy food/ snacks – red meat, full fat milk, white bread, chocolate, butter, sweets, chips, crisps, fizzy drinks, biscuits

10 new nouns and determiners for unhealthy food/ snacks – red meat, full fat milk, white bread, chocolate, butter, sweets, chips, crisps, fizzy drinks, biscuits

## Computing

To create a data set in a spreadsheet

To build a data set in a spreadsheet

To explain that formulas can be used to produce calculated data

To apply formulas to data

To create a spreadsheet to plan an event

## Art-Inuit Art

Use the work of a significant printmaker or printmaking technique to influence artwork.

Create a 3-D form using malleable materials in the style of a significant artist.

## Design & Technology

### Structures-Engineer Topic

Know that Bridge structures have changed over time.

Know Significant engineers have improved, people's lives and trade through their constructions. .

Know the two important forces considered in bridge design.

Know strength can be added to a framework by using multiple layers or changing its shape./ using triangles.

To design. make and evaluate a bridge prototype