

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.

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](#)

Username: st-joseph-le16 Password: blue-door-4

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

Year 6 Curriculum

Lent Term

English

- * Class read: The Giver by Lois Lowry
- * A range of spelling rules that will be 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.

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

Homework Project to be completed and in school by Friday 6h 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