

**LIMITLESS POTENTIAL****IGNITE PASSION****EMBRACE DIFFERENCE****Mathematics:****Number and Calculation**

Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication. Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.

Fractions

Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.

Add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions.

Multiply and divide simple pairs of proper fractions, writing the answer in its simplest form.

Humanities:**Victorian Crime and Punishment:**

Children in Year 5/6 will be studying The Victorians and the lives of the poor and the treatment of offenders, including children and young people.

Pupils will compare the verdicts and sentences imposed for different kinds of offences can see the value placed on human life and experience, and on property, in comparison with present day attitudes.

Web link <http://vcp.e2bn.org/>

Science:**Forces**

Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.

Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.

Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Year 5/6**Autumn 2 2018****Topic:
Crime and Punishment in
Victorian Times****MFL:** French Revision including days of the week, animals and numbers.**Music:**

Charanga: Dancing in the Street
All the learning in this unit is focused around one song: Dancing In The Street by Martha And The Vandellas.
Singing ifor carol service

PSHCE:

Getting on and falling out

English:

To read for pleasure.

Class Novel: Clockwork by Philip Pullman

Poetry - Remembrance 2018

Anti bullying week.

Narrative writing: Christmas Stories

To write using detailed description and expanded noun phrases

To revise correct punctuation in sentences.

To develop a range of reading skills including comprehension skills

Learn spelling strategies.

Computing:

I-Pads to support all areas of the curriculum.

Coding and game design using Sphero.

Art/ DT:

Design and produce Christmas story books for younger children.
Christmas card design

RE:**Judaism**

To understand some key facts and basic history of Judaism.

To consider the importance of what promises are and what they mean to us.

To become familiar with the ten commandments and their importance to Judaism.

To identify and recognise artefacts of importance in Judaism.

Christianity: Advent—Preparing for Christmas.

PE: Gymnastics and Invasion Games

The lessons will focus on:

Acquiring and developing skills

Selecting and applying skills, tactics and compositional ideas

Evaluating and improving performance

Knowledge and understanding of fitness and health

Please ensure that your child has both an indoor and outdoor school **P.E. kit in everyday.**

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EMBRACE DIFFERENCE

Mathematics:

Number and Place Value

Read, write, order and compare numbers to 10,000,000 and determine the value of each digit.

Round any whole number to a required degree of accuracy.

Use negative numbers in context and calculate intervals across zero.

Number and Calculation

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Humanities:

Victorian Crime and Punishment:

Children in Year 5/6 will be studying The Victorians and the lives of the poor and the treatment of offenders, including children and young people.

Pupils will compare the verdicts and sentences imposed for different kinds of offences can see the value placed on human life and experience, and on property, in comparison with present day attitudes.

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Science:

Space:

To learn about the shape and relative sizes of the Earth, Sun and Moon.

To understand why our shadows change, and why we have day and night.

To learn about the Earth's orbit around the Sun

To investigate the Moon's phases and orbit of the Earth

To learn about our Solar System and man's journeys into space.

To show what I have learned about the Earth, Sun and Moon.

Year 5/6

Autumn 2018

Topic: Crime and Punishment in Victorian Times

MFL:

Je me presente
Ma Famille

Music:

Charanga: Dancing in the Street
All the learning in this unit is focused around one song: Dancing In The Street by Martha And The Vandellas.

PSHCE:

New beginnings

English:

To read for pleasure.

Class Novel: Berlie Doherty— Street Child

To identify features of auto-biographical writing including diary entries

To write using detailed description and expanded noun phrases

To revise correct punctuation in sentences.

To read a variety of texts and answer questions.

To identify features of chronological reports writing including newspaper reports.

Learn spelling strategies.

Computing:

I-Pads to support all areas of the curriculum.

Coding and game design using Sphero.

Art/ DT:

Art: Pointilism—The influence of George Seurat

Use a variety of media with art/design work.

Paint, design and construct with accuracy and precision.

Recreate famous pieces of pointillism art work

Evaluate own work and suggest improvements

RE:

Judaism

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To consider the importance of what promises are and what they mean to us.

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To identify and recognise artefacts of importance in Judaism.

PE: Gymnastics and Invasion Games

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Year 6

Spring Term 2017

Topic: SATs
Preparation
part 2

Mathematics:

Every Friday the children will take part in mental maths tests. It would be really beneficial to your child if you could practice all times table facts.

To use simple algebra formulae.

Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.

Compare and order fractions, including fractions > 1 .

Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.

Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.

We will now work on past SATs papers every week. This will be linked to homework.

English:

To write an explanation text

To write an adventure story

To write in a journalistic style.

To revise correct punctuation in sentences.

To read a variety of texts and answer questions.

Learn spelling strategies.

To use paragraphs effectively in own writing.

To read for pleasure.

Develop comprehension skills in preparation for SATs.

Humanities:

Personal Study based on the life of a famous British Inventor.

The children will develop their researching skills to find information and present it in an interesting way on. The children will produce a project which they will then present to their peers at the end of the term. Possible areas the children will study include:

Who is your inventor? What did they discover? Where did they live? How old were they when they began inventing? What do you know about their childhood or family? What did they invent and why? What equipment was needed?

MFL:

French Revision including days of the week, animals and numbers.

PSHE:

Democracy in Britain and around the world. Focus on freedom for all.

Music:

Collective singing (whole school)

RE:

The Easter Story linked to extended writing across the curriculum.

Science:

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 adaptations may lead to evolution

Computing:

I-Pads to support all areas of the curriculum. Plus word processing.

Art:

Pop Art with focus on using a variety of media including paint and digital imagery.

PE:

Hockey

The lesson will focus on:

Acquiring and developing skills

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Knowledge and understanding of fitness and health

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Mathematics:

Measures: Metric measures; convert metric measures; calculate with metric measures; miles and kilometres; Imperial measures

Area, Volume and Perimeter: Shapes – same area; Area and perimeter; Area of a triangle; Area of parallelogram Volume – counting cubes; Volume of a cuboid.

Ratio:

Using ratio language Ratio and fractions; Introducing the ratio symbol; Calculating ratio using scale factors; Calculating scale factors; Ratio and proportion problems

Humanities:

Locational Knowledge:

On a world map locate the main countries in Africa, Asia and Australasia/Oceania. Identify their main environmental regions, key physical and human characteristics, and major cities.

Name and locate the key topographical features including coast, features of erosion, hills, mountains and rivers. Understand how these features have changed over time.

Science:

Properties and changes of materials

To compare and group together everyday materials according to their properties.

Investigate reversible and irreversible changes.

Explain that some changes result in the formation of new materials.

Use knowledge of solids, liquids and gases to decide how mixtures might be separated.

Living things and their habitats

To be able to classify living things and explain why we classify them in such a way.

To describe the life cycles of animals, comparing insects, amphibians, mammals and birds.

Year 5/6

Spring 2 2019

Topic: The World

MFL: Les Sports

To use the verb 'jouer' and describe different sports played.

Music:

Charranga – Appraising a song- I'll be there, Happy, you've got a friend.

PSHCE: Going for Goals

Discussing aspirations and how we can overcome challenges to reach our goals

English:

To read for pleasure.

Class Novel: Clockwork by Philip Pullman

Narrative writing: Capture, rescue, escape stories

Grammar – Looking at sentence structure and use of different clauses.

Use of adverbs and adjectives to improve writing.

Identifying different word classes including determiners, prepositions and conjunctions.

To write using detailed description and expanded noun phrases

To revise correct punctuation in sentences.

To develop a range of reading skills including comprehension skills

Computing:

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Art/ DT:

Linked to RE: Look at how religion has inspired architecture. Focus on Islamic art and architecture in Southern Europe - 'The Alhambra' in Spain.

RE: How do people express their faith through the arts?

Look at examples of religious artwork including the 'Yellow Christ' by Sieger Koder.

PE: Striking and fielding, Net and Wall Games

The lessons will focus on:

Acquiring and developing skills

Selecting and applying skills, tactics and compositional ideas

Evaluating and improving performance

Knowledge and understanding of fitness and health

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