

Maths:

Length, Perimeter and Area

Year 4 - Kilometres; Perimeter on a grid; Perimeter of a rectangle; Perimeter of rectilinear shapes; What is area? Counting squares; Making shapes; Comparing area.

Year 5 - Measure perimeter; Calculate perimeter; Area of rectangles; Area of compound shapes; Area of irregular shapes

Multiplication & Division

Year 4 - Efficient multiplication; Multiply 2-digits by 1-digit; Multiply 3-digit by 1-digit; Divide 2-digit by 1-digit; Divide 3-digit by 1-digit; Correspondence problems.

Year 5 - Multiply 4-digit by 1-digit; Multiply 2-digit (area model); Multiply 2-digit by 2-digit; Multiply 3-digit by 2-digits; Multiply 4-digit by 2-digit; Divide 4-digit by 1-digit; Divide with remainders

Fractions

Year 4 - What is a fraction? Equivalent fractions; Fractions greater than 1; Count in fractions; Add 2 or more fractions; Subtract 2 fractions; Subtract from whole amounts; Fractions of a quantity;

Year 5 - Improper to mixed numbers; Mixed numbers to improper; Number sequences; Compare & order; Add & subtract fractions; Add fractions within 1; Add 3 or more fractions; Add mixed numbers; Subtract fractions; Subtract mixed numbers; Subtract 2 mixed numbers; Multiply by an integer; Fractions of an amount; Fractions as operators.

Decimals and Percentages

Year 4 - Tenths and hundredths; Tenths on a place value grid; Tenths on a number line; Hundredths; Hundredths as decimals; Hundredths on a place value grid; Write decimals; Halves and quarters; Divide 1-digit by 10; Divide 2-digit by 10; Divide 1 or 2-digit by 100; Make a whole

Year 5 - Decimals up to 2 d.p.; Decimals as fractions; Understand percentages; Percentages as fractions & decimals; Understand thousandths; Thousandths as decimals; Multiply by 10, 100 and 1000; Divide by 10, 100 and 1000; Adding decimals within 1; Subtracting decimals within 1

Geography:

To know where Japan is in the world Mountains, Volcanoes and Earthquakes - To learn about how earthquakes occur and the impact they have on a location. Investigate volcanoes and the ring of fire - tectonic plates.

To use longitude and latitude to describe the position of Japan, and other countries, on a map.

To identify the physical geography of Japan.

To explore the human geography of Japan.

To name and describe the layers of the Earth.

To explain how and where mountains are formed.

To explain why volcanoes happen and where they occur.

To recognise the negative and positive effects of living near a volcano.

To explain what earthquakes are and where they occur.

To compare the life of a Japanese school child with a UK school child

History: Britain and the Bronze Age and The Shang Dynasty

The Shang ruled from 1600 to 1046 B.C. and heralded the Bronze Age in China

To explain how bronze transformed prehistoric life.

Finding out about life in the Bronze Age, and how bronze was made and used.

Investigating the lives of people in the Iron Age and how life had developed from the Bronze Age.

Consolidating understanding of the Stone, Bronze and Iron Ages, and ordering events and changes chronologically.

To find out about the Shang Dynasty of China and explore how we know about it.

To explore the evidence surrounding the Shang kings.

To find out about Shang royal burials.

To find out what ordinary life was like for people during the Shang Dynasty.

To find out about the writing and calendar created during the Shang Dynasty.

To find out why the Shang Dynasty ended.

PSHE:

Keeping Safe: Spot bullying; Play, like, share; Decision dilemmas; Ella's diary dilemma; Vaping: healthy or unhealthy? Would you risk it?

Rights and Responsibilities: What's the story? Fact or opinion? Mo makes a difference; Rights, respect and duties; Spending wisely; Lend us a fiver!

English:

Firework Makers Daughter by Philip Pullman

Under Earth, Under Water by Aleksandra Mizielinski and Daniel Mizielinski

My First Book of Haiku Poems: a Picture, a Poem and a Dream; Classic Poems by Japanese Haiku Masters

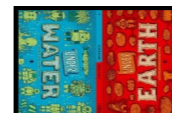
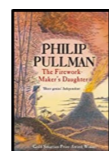
Japanese Children's Favourite Stories by Florence Sakade and Yoshisuke Kurosaki

Guided Reading:

Sam Wu Is Not Afraid of Ghosts by Kevin and Katie Tsang

Toto The Ninja Cat by Dermot O'Leary

Tiny texts for independent learning



Year 4/5 - Spring Term Awesome Asia



Home learning: Origami Creation

Celebration: Sushi Tasting/ Sculpture Display

Music:

Haiku, music and performance

Suggest suitable words to describe their time outdoors, changing the sounds of their words to match their meanings; Recognise, name and describe the effect of the interrelated dimensions of music; Select instruments and sounds which match their vocabulary; Work as a group to create a piece of music; Perform a piece of music as part of a group.

Composition to represent the festival of colour (Theme:

Holi festival) Suggest a colour to match a piece of music; Create a graphic score and describe how this matches the general structure of a piece of music; Create a vocal composition in response to a picture and justify their choices using musical terms; Create a vocal composition in response to a colour; Record their compositions in written form; Work as a group to perform a piece of music.

MFL - French:

Portraits - describing in French Learning adjectives for describing people's physical appearance and their personality. Creating simple sentences ensuring that the adjectives agree with the gender of the noun.

Clothes - getting dressed in France

Learning vocabulary to describe items of clothing, along with the different forms of the indefinite article. Incorporating previous learning about colour into their descriptions of clothing and recapping the concept of adjectival agreement. Expressing their opinions about outfits in French.

Science:

Properties of Materials:

Exploring properties of materials

Explore thermal conductors and thermal insulators

Explore the hardness of materials

Discover materials that become soluble in water

Investigate the solubility of materials

Explore how mixtures could be separated by filtering, sieving, evaporating or magnets

Changes of Materials:

Use evaporation to recover the solute from a solution

Recognise and describe reversible changes

Observe chemical reactions and describe how we know new materials are made

Investigate rusting reactions

Investigate chemical reactions - acids and bicarbonate of soda

Computing:

Year 4: Unit 4.3 - Spreadsheets/Year 5: Unit 5.3 - Spreadsheets

Formula Wizard and Formatting Cells; Using the Timer and Spin Buttons; Line Graphs; Using a Spreadsheet for Budgeting; Exploring Place Value with a Spreadsheet; Conversions of Measurements; The Count Tool.

Year 4: Unit 4.4 - Writing for Different Purposes/Year 5: Unit 5.8 - Word processing

(with Microsoft Word or Google Docs)

Making a Document from a Blank Page; Inserting Images: Considering Copyright; Editing Images in Word; Adding the Text and Font Styles; Producing writing for a purpose linked to the topic; Presenting Information Using Tables; Presenting Information - Newspaper etc.

Art and Design: Investigate Hokusai and Stephanie Peters.

Experiment with creating texture using pastels and acrylic paints before creating their own pieces of art.

Explore the style of artists and the techniques they use in their work.

Control types of marks made and experiment with different effects and textures.

Mix and match colours to create atmosphere and light effects.

Mix colours, shades, tones and tints with confidence.

Create different effects/textures with paint according to what they need for a task.

Explore how brush techniques can be used with acrylic paints. Mix colours, shades, tones and tints with confidence.

Design Technology: Design and make a pencil case

To investigate a range of pencil cases; To investigate and analyse items made using textiles: the materials used and how they are made.

To practise and compare sewing stitches; To explore some ways in which textiles are joined and decorated.

To investigate ways of opening and closing pencil cases;

To be able to sew embellishments to a piece of fabric.

To be able to design a pencil case.

To be able to make and evaluate a pencil case based on a design; To use pattern

pieces to measure, mark and cut fabric; to sew design elements according to a design.

To join fabric pieces by hand sewing.

Religious Education:

Children can explain what the concept of what justice means.

Children can explain how justice is significant in the stories of Jewish people, Christians and Muslims.

Children can explain the value of justice to Jewish people, Christians and Muslims and identify and explain issues raised.

Children can explain their own response to justice.