Secrets of the Forest

Y4 Autumn 1

Science

Living Things & Their Habitats

Recognise that living things (including those in the locality) can be grouped in a variety of ways

Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment

Recognise that environments can change and that this can sometimes pose dangers to living things.

Geography

Rivers

Pupils will know about and understand key aspects of physical geography: including rivers. Pupils will develop their map skills in relation to rivers in the local area

Name and locate major UK rivers and ports.

Know and describe the physical geographical features of rivers, including meander, waterfall, source.

Name and locate major rivers of the World.

Compare major rivers.

Research the River Bollin.

Know how and why rivers are used for economic activity, including leisure and tourism, transport, fishing, hydro-electric power.

Know why some settlements have developed along rivers.

Complete field work measuring, sketching and exploring local rivers, streams etc

Art

Textiles

Develop design through making skills and collaborative working skills through fashion design.

Explore paper, card and fabric manipulation skills to build 3d forms (cutting, crumpling, tearing, folding, fraying, knotting, fringing, twisting, plaiting, pulling threads and joining through pinning, stapling gluing and/or stitching).

Discriminate between fabric materials to select and assemble a constructed form.

Alter a fabric's colour or texture by painting, printing and/or dyeing, using stencils, wax or string

RE

Sikhs: how does Guru Nanak inspire Sikhs today?

Guru Nanak

Guru Nanak's teachings on equality and acceptance

Guru Nanak's teachings on serving others

Guru Nanak's teachings on being honest and living a good life

Sikh beliefs in God

The legacy of Guru Nanak

French

Les saisons (Seasons)

Learn the 4 seasons of the year along with a key feature for each season in French.

Have the skills and knowledge to say which is their favourite season and why.

Computing

Internet Safety & Unpacking Hardware & Software

Recognise how hardware and software work together within a computer system.

To know the difference between hardware and software.

To know the function of common hardware components and peripherals.

To know that software provides instructions for hardware to follow.

To know how hardware and software work together to complete tasks.

PSHE

KiVA Lesson 6

We will not join in with bullying

Respecting Self and Others

Shared Responsibility– Twinkl 5 & 6

Music

Ukelele

It's All Greek To Me

Y4 Autumn 2

History

Ancient Civilisation: Greece

Know who the Ancient Greeks were.

How do we know so much about the Ancient Greeks who lived over 2,500 years ago?

Understand and be able to give examples of how Ancient Greece has affected our lives today.

Use primary and secondary sources to assess evidence

Name and place dates of significant events of the period on a timeline showing an understanding of BC, AC.

Research aspects of everyday life and culture.

Use historical evidence ,recognising the importance of archaeological evidence as well as written and spoken, eg: myths and legends as well as surviving buildings and draw conclusions.

Art

3-D Work

Work in a safe, organised way, taking care of equipment. Secure work to continue at a later date.

Use pinch, slab and coil techniques with clay.

Explore impressing, sgraffito and carving to produce desired surface patterns and textures.

Develop understanding of different ways of finishing work: paint & polish.

Enable evolution of ideas for their own pot through a combination of design through making and drawn inspiration e.g. a design to celebrate modern culture/heroes

Computing

Effective Searching

Use search tools effectively to find and evaluate information.

To know how search engines use keywords to find information.

To know how to refine searches to improve the relevance of results.

To know that search engines collect, sort and rank information.

To know how to identify whether information from a website is reliable and trustworthy.

Intro to AI

Recognise how modern technologies use artificial intelligence.

To know what artificial intelligence is and how it is used in everyday life.

To know how to create clear prompts for AI tools.

To know why information created by AI should be checked by humans.

To know how to use AI responsibly as a digital citizen.

French

Les légumes (Vegetables)

Learn 10 common vegetables in their plural form with their definite articles.

Explore the basic transactional language required take part in a role-play activity based on buying different quantities of vegetables from a market

RE

Natural world: what does dharma teach about attitudes to the planet?

Hindu stories of creation

All are one: the Earth as mother

Dharma: Yudhishthira and the dog

Dharma as love for all beings

Krishna: reverence and gratitude for the

Music

Ukelele

PSHE

KiVA Lessons 7 & 8

The bullied child needs your support

I will not be bullied

A Drop In The Ocean

Y4 Spring 1

Science

States of Matter

Explore a variety of everyday materials and develop simple descriptions of the states of matter

Compare and group materials together, according to whether they are solids, liquids or gases

Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)

Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Investigate the water cycle.

DT

Textiles– Drawstring Purse

Know how to strengthen, stiffen and reinforce existing fabrics.

Know how to securely join two pieces of fabric together.

Know the need for patterns and seam allowances.

Know two types of stitch to join textiles e.g. back stitch, over stitch

Know different fastenings according to their function

Know how to sew decoration and/or pocket onto a textile product

PSHE

Diverse Britain.

Mindfulness

Music

Ukelele

French

Je me présente (Presenting Myself)

Present themselves both orally and in written form in French.

Learnt language will be integrated with newly acquired language.

Focus on asking questions as well as providing accurate replies.

Growing understanding of grammar to manipulate language and start to create sentences of their own using a range of personal details including name, age, where they live and nationality.

Computing

Logo

Design and write programs that include controlling or simulating systems.

To know how to use Logo commands to control an on-screen turtle.

To know how to use repetition to make programs more efficient.

To know how to change line colour and thickness using commands.

To know how to create and use procedures within a program.

RE

Jesus: How does his treatment of outcasts speak to Christians today?

Jesus and Zacchaeus

Interpreting the calling of Zacchaeus today

Jesus and the lepers

Interpreting Jesus and the lepers today

Jesus and the woman at the well

Roaming Romans

Y4 Spring 2

History

Roman Empire & Impact Upon Britain

Pupils will be able to explain the effects the Roman occupation had on Britain and the impact of this on later Britain and today.

Know when the Roman Empire was around

Understand what made the Roman Army so successful

Explain what Britain looked like before the Romans invaded

Know why the Romans came to Britain

Explore how the Britons resisted the Roman invasion and learn about Boudicca's rebellion

Evaluate the impact of the Roman Empire on modern Britain.

French

Les Romains (Romans)

Understand slightly longer and more complicated text in French.

Learn to 'gist' read, listen and understand more by using cognates and more familiar language to decode unknown language.

A deeper understanding of the role of verbs, nouns, determiners and adjec-

Science

Sound

Identify how sounds are made, associating some of them with something vibrating

Recognise that vibrations from sounds travel through a medium to the ear

Find patterns between the pitch of a sound and features of the object that produced it

Find patterns between the volume of a sound and the strength of the vibrations that produced it

Recognise that sounds get fainter as the distance from the sound source increases.

RE

Prophet Muhammad: how does he inspire Muslims today?

The childhood of Prophet Muhammad

The early life of Prophet Muhammad

Prophet Muhammad's challenges

Prophet Muhammad the leader

The words of Prophet Muhammad today

Prophet Muhammad and care for the world

Art

Drawing

Select and use, with increasing confidence and control, a range of mark-making skills with various drawing media: pencil, graphite, chalk, soft pastel, wax and charcoal on a range of surfaces.

Explore shading, using different media to achieve a range of light and dark tones, including different grades of pencil.

Practice observational drawing from the figure, exploring careful looking, intention, seeing big shapes, drawing with gesture and quick sketching to record movement.

Draw with coloured media descriptively and expressively to represent ideas and objects with increasing confidence.

Identify, use and explore the use of warm, cold colours and contrasting colours.

Explore composition, thinking about space, scale and proportion

Computing

Animation

Create and evaluate digital animations for an audience.

To know how animations are created from a sequence of frames.

To know how to use onion skinning to create smooth animations.

To know how to plan and create an animation with a simple narrative.

To know how to evaluate and improve an animation.

Music

Ukelele

PSHE

Aspirations, Work and Careers

Scrumdiddlyumptious

Y4 Summer 1

Geography

Modern Europe

Pupils will know and understand geographical similarities and differences through the study of human and physical geography of a region in a European country (Greece).

- Name and locate Greece within Europe and the surrounding countries (including Russia) and seas.

- Describe the similarities and differences between the UK and Greece, including landscape and climate.

-Examine the physical geography of Greece.

Science

Animals including Humans

Describe the simple functions of the basic parts of the digestive system in humans

Identify the different types of teeth in humans and their simple functions

Construct and interpret a variety of food chains, identifying producers, predators and prey.

DT

Tomato Pasta Bake

Know how to use appropriate equipment and utensils to prepare and combine food (Boil pasta and use a saucepan to make a sauce)

Know about a range of fresh and processed ingredients appropriate for their product, and whether they are grown, reared or caught.

Know how to use a hob safely and effectively

Know the terms 'boil' and 'simmer'

Follow and adapt a recipe to the user's needs eg quantities, optional ingredients

Computing

Sound Stories

Create and edit digital audio content for an audience.

To know how to plan and write a script for an audiobook.

To know how to record clear narration using digital tools.

To know how to add sound effects and background audio to enhance a recording.

To know how to edit and improve an audio recording for an audience.

RE

Pilgrimage: why might some people visit Jerusalem, Karbala or Makkah?

The idea of pilgrimage

Hajj: a sacred duty for Muslims

Hajj: the impact on believers

Karbala: a Shi'a place of pilgrimage

Jerusalem: the site of the Jewish temple

Jerusalem: a place of Christian pilgrimage

French

En classe (In the Classroom)

Present both orally and in written form about what they have and do not have in their pencil cases and/or school bag in French.

Recycle previously learnt grammar, using it with new vocabulary and a better understanding of the negative form, demonstrating a growing ability to create independent responses.

PSHE

Economic Wellbeing

Drugs Education

Music

Ukelele

Bright Sparks

Y4 Summer 2

Science

Electricity

Identify common appliances that run on electricity

Construct a simple series circuit, identifying and naming its basic parts, including cell, wire, bulb, switch and buzzer

Use circuits to create simple devices

Draw the circuit as a pictorial representation (not necessarily using conventional circuit symbols)

Understand precautions for working with electricity

Identify whether or not a lamp will light in a simple series circuit

Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit

DT

Torches

Know how to incorporate electrical systems in their products, such as series circuits incorporating switches, bulbs and buzzers._

Know how a range of different switches work to make a product work - e.g. push switch, toggle switch

RE

Spirituality: how is art used in religions and beliefs?

Symbols instead of words

Calligraphy and its importance to Muslims

Poetry and expressing feelings

How Christians use art to tell stories

How Christians use art to show faith

French

Ma famille (My Family)

Gain knowledge and skills to make a presentation about their own/a fictitious family in both spoken and written form in French.

Integrate previously learnt language with newly acquired language, encouraging more confident use of their growing bank of vocabulary.

Demonstrate an increasing knowledge of grammar and the use of the possessive in French to manipulate language and changing from 1st person singular to 3rd person singular.

Computing

Coding

Design and write programs that include controlling or simulating systems.

To know how to use sequence, selection and repetition within a program.

To know how to use coordinates and variables in a computer program.

To know how to use selection statements to control outcomes.

To know how to test and debug programs to improve their effectiveness.

Music

Ukelele

PSHE

RSE

Growing and changing

What is puberty?

Puberty changes and reproduction