

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 and locate major UK rivers and ports.

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

Compare major rivers.

Research the River Bollin.

French

France & the Wider World

My Family

Find out about other countries that speak French

Talk about your family

Numbers to 30

RE

Christianity

How do beliefs shape people's lives? How have they changed over time?

Explore how the Bible is used in the local church by Christians for guidance, devotion, and inspiration and to compare how the question of belief is approached differently within other religions/ nonreligious groups.

Computing

Online Safety

How to protect themselves from online identity theft

Understand that online information leaves a digital footprint or trail

Identify risks and benefits of installing software, including apps

To understand the nature and consequences of plagiarism

Identify appropriate behaviour when contributing to collaborative online projects for learning

Identify positive and negative influences of technology on health and environment

Understand importance of balancing game and screen time with other aspects of real life

Effective Research

Locate information on the search results page

Use search effectively to find out information

Assess whether an information source is true and reliable

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 to resist.

PSHE

KiVA

There is no bullying at a Kiva school.

Music

Brass

A Drop In The Ocean

Y4 Autumn 2

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.

Computing

Hardware Investigators

Understand the different parts that make up a computer

Recall the different parts that make up a computer

Writing for Different Audiences

Explore how font size and style can affect the impact of text

Use a simulated scenario to produce a news report

Use a simulated scenario to write for a community campaign

RE

Christianity

Explore the Christian view of God.

Compare and contrast the idea of the Trinity with other religious/non-religious worldviews.

What do different Christians believe God is like?

Why do some people not believe in God?

What do different Christians believe God is like?

Why do some people not believe in God?

French

Weather and Time

Use time vocabulary

Tell the time on the hour Revise days of the week and months of the year.

PSHE

KiVA

We will not join in with bullying!

Music

Brass

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

It's All Greek To Me

Y4 Spring 1

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

Music

Brass

Computing

Coding

Begin to understand selection in computer programming

Understand how an IF and IF/ELSE statement works

How to use co-ordinates in computer programming

Understand the 'repeat until' command

Understand what a variable is in programming

Use a number variable

Create a playable game

PSHE

KiVA

The bullied child needs your support.

RSE

French

My Body and Face

Further body / face parts including eyes, hair, teeth

Know with confidence colours of rainbow.

Describing Monsters

RE

Islam

How have religious people contributed to local and global society?

Recognise the Qur'an and identify it with Islam.

Explain how and why Muslims treat it with respect and believe it to be the exact words of 'Allah' (God).

Why is Muhammad important to all Muslims?

How have Muslims contributed to local & world history?

How do other religious groups contribute to society.

Bright Sparks

Y4 Spring 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

Computing

Logo

Learn the structure of the coding language Logo

Input simple instructions in Logo

Use 2Logo to create letter shapes

Use the Repeat function in Logo to create shapes

Use and build procedures in Logo

Animation

Discuss what makes a good animated film or cartoon

Learn how animation is created by hand

Find out how animation can be created in a similar way using the computer

Learn about onion skinning in animation

Add backgrounds and sounds to animations

Be introduced to 'stop motion' animation

Share animation on the class display board by blogging

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

Judaism

Where do religious ideas come from?

What makes something sacred/holy for some people?

How does following a set of rules make you a good person?

How and why is the TORAH important to Jews? Explain what it means to make a covenant and refer to the covenants that God made with Noah and Abraham

Understand that Jewish people are still waiting for the fulfilment of the promise of the Messiah.

French

All Around Town

Say where you live

Learn nouns for facilities in a town.

Describe your local town.

Music

Brass

PSHE

Drugs & Alcohol Education

Safety rules and risks: alcohol and smoking

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

Spreadsheets

- Format cells as currency, percentage, decimal to different decimal places or fraction
- Use the formula wizard to calculate averages
- Combine tools to make spreadsheet activities such as timed times table tests
- Use a spreadsheet to model a real-life situation
- Add a formula to a cell to automatically make a calculation in that cell

Scrumdiddlyumptious

Y4 Summer 1

RE

Cross Religious

What kind of world do we want to live in?

What impact can I have?

Describe how people of religious/nonreligious worldviews across 3 traditions respond to world poverty.

Identify what motivates people to give to charity

To consider the complexity of giving to charity and how sometimes it raises puzzling questions.

To consider whether it is always right to give to charity.

French

Food Glorious Food

Learn nouns for different fruit and vegetables.

Ask for different fruit and vegetables.

Know numbers to 69.

Say how much something costs

Give preferences - likes and dislikes

Learn numbers to 100 and begin to use French money to say how

PSHE

KiVA

I will not be bullied!

RSE

Pants are Private

Music

Brass

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.

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.

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

Roaming Romans

Y4 Summer 2

RE

Cross Religious

What kind of world do we want to live in? What impact can I have?

Describe how people of religious/nonreligious worldviews across 3 traditions respond to caring for the planet.

Identify what motivates people to be involved in climate change action.

Consider the complexity of caring for the earth and how sometimes it raises puzzling questions.

Understand how important equality is to Sikhs and how they might respond to caring for the planet.

French

Sports & Hobbies

Learn regular verbs linked to hobbies e.g. sing, dance, read, draw, play

Learn the correct verb agreements e.g. je danse, nous dansons

Describe what hobbies they like / dislike

Music

Brass

Computing

Making Music

Identify and discuss the main elements of music

Understand and experiment with rhythm and tempo

Create a melodic phrase

Electronically compose a piece of music

PSHE

RSE

Growing and changing

What is puberty?

Puberty changes and reproduction