

Y6 Autumn 1

South America and the Rainforest

Geography

Pupils will know about and understand key features of South America including human & physical geography, trade and climate. They will have a greater knowledge of the world's biomes with particular reference to the biomes of South America.

Find out about the location and countries of South America.

Investigate the climate of South America and compare to the UK

Explore the physical features of South America

Investigate the main biomes and those particularly found in South America and compare to the UK

Explore the human geography of South America

Investigate trade and industry in South America.

Identify and locate Rainforest biomes across the world

Investigate, in more detail, the Amazon Rainforest and the effects of deforestation.

Know and describe the environmental threats to the rainforest.

Art

Textiles

Explore the use of paint and wax resist using batik.

Develop fabric embellishment skills by experimenting with, for example, stitches, beads, buttons, sequins and other mixed media material.

Music

Samba

Perform rhythmic patterns confidently and with control in small group settings

Science

Living Things and their Habitats

Classify living things based on specific and common characteristics

Describe how living things are classified into broad groups according to common observable characteristics and based upon similarities and differences, including micro-organisms, plants and animals

Give reasons for classifying plants and animals based on specific characteristics

Know that broad groupings, such as micro-organisms, plants and animals can be sub-divided

Classify animals into commonly found invertebrates (such as snails, insects, spiders and worms) and vertebrates (fish, amphibians, reptiles, birds and mammals)

Find out about the significance of the work of scientists such as Carl Linnaeus, a pioneer of classification

RE

Hinduism

Analyse what most Hindus believe about reincarnation, vegetarianism and caring for the environment

Explain the Hindu idea of 'Karma' and how actions have consequences

Understand how the majority of Hindus may welcome a child.

Understand how some Hindus view the idea of family

Compare and contrast Hindu values with other religions and non-religious viewpoints previously studied

French

The French Speaking World

Investigate and learn about a French speaking country

Learn French names for different people in the community.

Activities to consolidate learning of numbers to 100

PSHE

Class Rules & Routines

KiVA Lesson 6

We will not join in on bullying or reinforce the bully.

Computing

Networks

Learn what the internet consists of and how it is accessed in school

Find out what LAN and WAN are and about the age of the internet

Think about what the future might hold

Y6 Autumn 2
Crime & Punishment

History

Crime & Punishment Through the Ages

Pupils will have an understanding on how features of crime, punishment and detection have changed over the last 1000 years. Their chronological knowledge will extend beyond 1066 and they will look at causes and consequences of change.

Recognise when they are using primary and secondary sources of information to investigate the past;

Select relevant sections of information to address historically valid questions and construct detailed, informed responses;

Show an awareness of the concept of propaganda;

Know that people in the past represent events or ideas in a way that may be to persuade others

Identify and note connections, contrasts and trends over time in the everyday lives of people

Use appropriate historical terms such as culture, religious, social, economic and political when describing the past;

Examine causes and results of great events and the impact these had on people

Describe the key features of the past, including attitudes, beliefs and the everyday lives of men, women and children.

Art

Drawing

Develop confident mark-making skills using a range of media to convey still life in response to light and dark, shadows and well-lit areas.

Study and respond to how artists have conveyed still life, focusing particularly on the work of Cubist artists.

Investigate the techniques of foreshortening and breaking down images into shapes.

Develop their own language for expressing themselves by applying what techniques and knowledge they have learnt in the creation of a portrait.

Science

Light

Understand that light travels in straight lines and to know how we see objects.

Recognise that light appears to travel in straight lines

Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye

Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes

Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

Work scientifically by deciding where to place rear-view mirrors on cars; designing and making a periscope and using the idea that light appears to travel in straight lines to explain how it works

Look at a range of phenomena including rainbows, colours on soap bubbles, objects looking bent in water and coloured filters

Computing

Spreadsheets

Know what a spreadsheet looks like

Navigate and enter data into cells

Introduce basic data formulae for percentages, averages and min and max numbers

Demonstrate how spreadsheets can save time and effort when performing calculations

Use a spreadsheet to model a situation

Demonstrate how a spreadsheet can make complex data clear by manipulating the way it is presented

Create a variety of graphs in sheets

Apply spreadsheet skills to solving problems

RE

Christianity

Explore the roles of 'Father, Son and Holy Spirit' (Trinity) in the Christian view of God.

Understand why Christians say Jesus is the 'Son of God'; the 'Christ' and both 'God and man'.

Explore the Old Testament prophecies speak about Jesus.

Investigate lines of enquiry that explain the idea of suffering from religious/non-religious viewpoints.

Suggest own ideas about suffering.

French

Timetables & Schools

•Tell the time to the nearest minute and use quarter past / quarter to.

•24 hr time

•Read and interpret timetables.

•Investigate French school system

PSHE

KiVA Lesson 7

We will support and defend our victimized peers.

Music

Christmas Concert

Sing to larger audience.

Sing in parts and rounds

Y6 Spring 1
The Maya

History

Pupils will understand the importance and mystery of the Maya and make connections to broader historical context and draw links with British history and other familiar aspects of world history

Order an increasing number of significant events, movements and dates on a timeline using dates accurately

Understand how some historical events/periods occurred concurrently in different locations, e.g. Indus Valley and Ancient Egypt.

Select relevant sections of information to address historically valid questions and construct detailed, informed responses

Identify and note connections, contrasts and trends over time in the everyday lives of people Use appropriate historical terms such as culture, religious, social, economic and political when describing the past

Describe the key features of the past, including attitudes, beliefs and the everyday lives of men, women and children

Use a wide range of different evidence to collect evidence about the past, such as ceramics, pictures, documents, printed sources, posters, online material, pictures, photographs, artefacts, historic statues, figures, sculptures, historic sites

Select relevant sections of information to address historically valid questions and construct detailed, informed responses

Investigate their own lines of enquiry by posing historically valid questions to answer

Consider different ways of checking the accuracy of interpretations of the past

Present, communicate and organise ideas about from the past using detailed discussions and debates and different genres of writing such as myths, instructions, accounts, diaries, letters, information/travel guides, posters, news reports

Art

3-D

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

Use recycled, natural and manmade materials, other than clay, to create sculptures, confidently and successfully joining.

Explore relationship between sculpture and design through a sketchbook project which takes film/literature/drama as its starting point and facilitates an open-ended sculptural exploration, with children working at their own pace and following their own journey.

Enable evolution of ideas for their own sculpture through a combination of design through making and drawn inspiration.

Computing/PSHE

Online Safety

Identify benefits and risks of mobile devices broadcasting the location of the user/device

Identify secure sites by looking for privacy approval

Identify benefits and risks of giving personal information

Review the meaning of a digital footprint

Have a clear idea of appropriate online behaviour

Begin to understand how information online can persist

Understand the importance of balancing game and screen time

Identify positive and negative influences of technology on health and environment

RE

Islam

How do my personal beliefs affect the way life is lived?

Connect Islamic belief with specific lives of Muslims & to see diversity

Explain and assess how all Muslims are part of the 'Ummah' by showing how the Five Pillars enable Muslims to have peace with God.

Identify, describe and explain key Muslim beliefs related to Allah (God); marriage and life after death;

Describe three ways in which Muslim worship shows devotion to Allah making reference to life at home and in the mosque

Analyse how the main features of a mosque explain Muslim key beliefs

PSHE

KiVA Lessons 8

What to do if I get bullied?

French

Human Body

•Recognise and use further vocabulary for the body e.g. throat, arm, ankles & back.

•Say and write down phrases to describe an illness or pain.

•To describe clothing worn at

Music

Getting the Maximum Out of the Minimum

Become familiar with the music of Steve Reich

Learn some of the key principles of minimalism and be able to apply these to their own compositions

Y6 Spring 2
Evolution

Science

Evolution & Inheritance

Describe how living things have adapted and evolved over time.

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 adaptation may lead to evolution

Be introduced to the idea that characteristics are passed from parents to their offspring i.e. different breeds of dogs and what happens when e.g. Labradors are crossed with poodles

Appreciate that variation in offspring over time can make animals more or less able to survive in particular environments, e.g. how a giraffe's neck gets longer

Find out about the work of palaeontologists such as Mary Anning and about how Charles Darwin and Alfred Wallace developed their ideas on evolution

RE

Christianity

Examine Two of the Christian resurrection stories.

Understand there are different perspectives on the same story.

Identify similarities and differences between the stories.

Learn about ways people can interpret the resurrection story, ie literally and metaphorically.

Consider if you need to believe in the resurrection to be a Christian.

Think about what happens when you die

DT

Calzones

Carry out sensory evaluations of a range of relevant products ingredients.

Develop a clear idea of what has to be done, planning how to use materials, equipment and processes and suggesting alternative methods of making if the first attempt fails

Follow a recipe accurately.

Make a list of equipment and utensils needed.

Weigh and measure accurately (time, dry ingredients, liquids)

Apply the rules for basic food hygiene

Know and use appropriate equipment and utensils to prepare and combine food., including knives, peeler, saucepan on a hob.

French

A French Town & Home

Revise places in a town

Use verbs to describe what they do in a town e.g. I go to the library to read a book.

To describe and respond to rooms in a house

Computing

Blogging

Identify the purpose of writing a blog.

Identify the features of successful blog writing

Plan the theme and content for a blog.

Understand how to write a blog and a blog post.

Consider the effect upon the audience of changing the visual properties of the blog.

Understand how to contribute to an existing blog.

Understand the importance of commenting on blogs.

Peer-assess blogs against the agreed success criteria.

Understand how and why blog posts and comments are approved by the teacher.

PSHE

KIVA Lessons 9 & 10

Working together

Class project

Reviewing progress

KiVa Survey

Music

Codebreakers

Use basic codes to produce various forms of musical material including rhythm and melodies.

Science

Electricity

Know and understand that the amount of voltage in a circuit can affect the output of a component inc brightness, volume and speed.

Associate brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit

Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches

Use recognised symbols when representing a simple circuit in a diagram

Construct simple series circuits, to help them to answer questions about what happens when they try different components, for example, switches, bulbs, buzzers and motors

Learn how to represent a simple circuit in a diagram using recognised symbols

Y6 Summer 1

I've got the Power

Computing

Text Adventures

Find out what text adventure is

Use 2Connect to plan a story adventure

Make a story-based adventure using 2Create A Story

Introduce an alternative model for a text adventure which has a less sequential narrative

PSHE

RSE

Puberty and reproduction

Understanding relationships

Conception and pregnancy

Communication in relationships

French

Food & Eating

Create different menus e.g. for school, in a café

Café role play

Know vocabulary for food drinks, money

Recognise and say different ice cream flavours

DT

Buggies- Electrics and Structures

Communicate their ideas through detailed and labelled drawings

Plan the order of their work, choosing appropriate materials, tools and techniques

Assemble components and make working models

Use tools safely and accurately

Construct structures using permanent joining techniques

Make modifications as they go along

Achieve a quality product

Use electrical systems in products

RE

Cross Religion

What does it mean to be human?

To define what a worldview is.

To explore what influences religious/non-religious worldview, how they can change over time depending on different influences eg society.

To explain what some, many, most adherents believe about birth customs, marriage, peace, and conflict.

To consider my own worldview.

Music

Sounds of the Future

Understand how sound design contributes to the expressive power of film

Produce own sound design for a short film

#Together We Succeed

I'm a Year 6. Get me out of here!

Y6 Summer 2

Geography

Pupils will know and understand more about the geography of their locality by investigating settlements, economy and industry, climate and land use. They will use a range of mapping skills to document their understanding

Describe some key similarities and differences between Macclesfield Forest and the Amazon Rainforest.

Be able to use 6-figure grid references.

Be able to make comparisons and interpret different map scales of the same location.

Science

Animals, including Humans

Understand the importance of a healthy circulatory system

Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood

Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function

Describe the ways in which nutrients and water are transported within animals, including humans

Explore questions to understand how the circulatory system enables the body to function

Learn how to keep their bodies healthy and how their bodies might be damaged, including how some drugs and other substances can be harmful to the human body

Explore the work of scientists and scientific research about the relationship between diet, exercise, drugs and lifestyle and health

French

Sports, Hobbies and the Future

• Describe when they do sports and hobbies using time vocabulary

• Know the names of different jobs.

• Describe what they would like to do in the future.

DT

Electric Buggies (cont'd)

Construct products using permanent joining techniques

Make modifications as they go along

Achieve a quality product

Evaluate their products, identifying strengths, areas for development and carry out appropriate tests

PHSE

Drugs Education

Managing risk: influences and pressure

Managing risk: drugs and alcohol in the media.

RE

Enquiry

How do beliefs shape a person's identity?

If God made the world, why isn't it perfect? Does worship make you happy?

Explore the role of heroes and saints in different faiths.

Explore what motivates them to act as they do.

Measure the impact of their life and actions on society in relation to anti racism

Computing

Coding

Design a playable game with a timer and a score

Plan and use selection and variables

Understand how the launch command works

Use functions and understand why they are useful

Understand how functions are created and called

Use flowcharts to create and debug code

Music

Music from the stage & screen

Sing a variety of musical theatre songs

Analyse structure and style of the songs.