

Year 6 Autumn 1

Love learning and inspire
each other to thrive in the
world.

English

Non-fiction: Recount

Focus:

- the difference between structures typical of informal speech and structures appropriate for formal speech writing, including the subjunctive form.
- using brackets, dashes or commas to indicate parenthesis

Math

- Numbersto 1,000,000
- Addition and subtraction within 1,000,000
- Multiplication and division using times tables and formal methods.

Science

Living things and their habitats

To classify living things into broad groups based on their features.

To use classification keys to identify living things.

To explore who Carl Linnaeus was.

To explain how microorganisms can be helpful or harmful by researching examples.

To discuss how environments can change and how this affects living things.

To explain how plants and animals adapt to survive in different environments.

To present information about classification clearly using scientific vocabulary.

Music

Unit Title: Happy

Unit Theme: Pop

History

To discover where the Kingdom of Benin was.

To find out how historians learn about the Kingdom of Benin.

To learn about the rulers of the Kingdom of Benin.

To explore what everyday life was like in the Kingdom of Benin.

To understand why trade made the Kingdom of Benin successful.

To explain why the Kingdom of Benin became powerful and why it eventually declined.

Our School Value focus this half-term
is:

Inspire Pride

Resilient Rhino

Art

- To explore how street artists use art to convey messages and provoke thought.
- To understand and apply one point perspective in a drawing inspired by street art.
- To understand and use scale and proportion effectively in drawings.
- To design a street art inspired piece using a brief.
- To create a street art inspired piece that conveys a message using perspective, scale and proportion.

RE – Hindu Dharma

To think about the journey of our own lives and how people change over time.
To understand what Hindus believe happens after death.
To understand how our choices can affect our future.
To understand how responsibilities change as people grow older.
To understand why special ceremonies are important in Hinduism and in our own lives.
To think about my own life journey and what I believe makes life meaningful.

PSHE

Respecting Ourselves and Others Families and Friendships Safe Relationships

- Expressing opinions and respecting other points of view including discussing topical issues.
- Attraction to others; romantic relationships; civil partnerships and marriage.
- Recognising and managing pressure; consent in different situations.

My Happy Mind
Meet Your Brain

PE

WLSP - Y6 Invasion Games

Teacher - Y6 Invasion Games

Computing – Bletchley Park 1

- To understand that there are lots of different types of secret codes.
- To understand the importance of having a secure password.
- To understand what is meant by Brute Force Hacking.
- To understand the importance of Bletchley Park to the World War II war effort.
- To understand about some of the historical figures that contributed to technological advances in computing.
- To know about historical figures who were influential in creating modern computers.

Languages

Presenting myself
Recap Year 5

English

Naration and Persuade
Focus:

- repetition of a word or phrase for effect and cohesion.
- the use of semi-colon, colons and dashes to mark the boundary between independent clauses.

Maths

- Continuing using multiplication and division for times table and formal methods.
- Graphs
- Fractions
- Time

Science

Animal Including

- To identify the main parts of the circulatory system and describe their functions.
- To explain how blood is transported around the body and what it is made of.
- To investigate how exercise affects heart rate and record my results accurately.
- To explain how nutrients and water are transported within animals.
- To describe the impact of diet, exercise, drugs and lifestyle on the body.
- To use scientific evidence to explain how to keep our bodies healthy.

Geography

North and South America

- Locate North and South America
- Name, locate and know landmarks within North America.
- Name, locate and know landmarks within South America.
- Compare New York City with Caracas
- Use 8-point compass to locate cities
- To know position of lines for longitude and latitude and links to climate.

Music

Classroom Jazz 2

Our School Value focus this half-term
is:

Learn without
Limits Lion

DT

Chinese Inventions

- To understand how the 4 great inventions of China shaped the world.
- To build and test prototype kites.
- To design a kite based on design criteria.
- To make a kite.
- To evaluate my finished kite.

RE – Christianity GOD

- Explain how Christian rituals show a person's relationship with God.
- Explain how rituals differ between Christian denominations (e.g. infant and believer's baptism).
- Describe why Christian rites of passage are important expressions of faith.
- Use religious vocabulary to explain the meaning of symbols, words and actions in rituals.
- Discuss how people change throughout life and the key events they celebrate.
- Explain why life milestones are important for individuals and communities.
- Reflect on how you have changed and how you may change in the future.
- Discuss where people can find wisdom and guidance at different stages of life.

PSHE

Respecting Ourselves and Others Families and Friendships

Safe Relationships .

- Expressing opinions and respecting other points of view including discussing topical issues.
- Attraction to others; romantic relationships; civil partnerships and marriage.
- Recognising and managing pressure; consent in different situations.

My Happy Mind
Celebrate

PE

WLSP - Y6 Health and Wellbeing
Teacher -Y6 Health and Wellbeing

Computing

- Explain that codes can be used for a number of different reasons and decode messages.
- Explain how to ensure a password is secure and how this works.
- Explain the importance of historical figures and their contribution towards computer science.
- Present information about their historical figures in an interesting and engaging manner.
- Develop an idea for a computer of the future and create a simple design.
- Produce a simple audio-advert with simple edits, which demonstrate an understanding of how to use the software.
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Languages – Spanish

My Family

Year 6 Spring 1

**Love learning and inspire
each other to thrive in the
world.**

English

Instructions and information report
Focus:

- use of the passive to affect presentation of information in a sentence.
- layout devices (sub-headings, columns, bullets or tables) to structure texts.
- The punctuation of bullet points to list information.

Maths

- Fractions
- Decimals
- Reasoning & Problem Solving
- 4 Operations
- Measure

Science

Animal Including

- To identify the main parts of the circulatory system and describe their functions.
- To explain how blood is transported around the body and what it is made of.
- To investigate how exercise affects heart rate and record my results accurately.
- To explain how nutrients and water are transported within animals.
- To describe the impact of diet, exercise, drugs and lifestyle on the body.
- To use scientific evidence to explain how to keep our bodies healthy.

Music

Unit Title: A New Year Carol

Unit Theme: Benjamin Britton's

Music and Cover Versions

Style of Main Song:

Classical/Urban Gospel Supporting

Songs: I Mun Be Married on

Sunday, Fishing Song

History

Ancient Greeks

- To find out who the ancient Greeks were and to locate their civilisation on a timeline.
- To understand how the political system worked in Ancient Greece.
- To be able to learn about the past from sources including art
- To understand how our knowledge of the past is constructed from a range of sources and that different versions of past events may exist. (Sparta and Athens)
- To understand the connection between religious and social history by learning about Greek Gods and Goddesses (Greek Myths)
- To apply what I have learned about Ancient Greece through practical activities and reflection.

Our School Value focus this half-term
is:

Learn without Limits

Art

Craft & Design Photo Opportunity

- To apply an understanding of composition
- To apply an understanding of abstract art through photography
- To demonstrate an understanding of design choices using digital photography techniques
- To apply an understanding of photography to design and recreate a famous painting
- To demonstrate observation & proportion to create art in a photorealistic style

RE- ISLAM

- To describe the Five Pillars of Islam and explain their significance in guiding Muslims' lives.
- To explain how the beliefs and values of Islam, including the Five Pillars, guide a Muslim through life.
- To describe the concept of Ummah and explain its significance.
- To describe the practices, rituals, and significance of Hajj
- To reflect on the impact of Hajj.
- To reflect on the journey of life.

PSHE

Living in the Wider World

-Belonging to a community-

- Media literacy and digital resilience -Money and work
- Valuing diversity; challenging discriminations and stereotypes.
- Evaluating media sources; sharing things online
- Influences and attitudes to money; money and financial risks.

My Happy Mind Appreciate
Headssup - Secondary Emotions

PE

Invasion Games

- To show passing and dribbling skills using a hockey stick
- To select attacking tactics when playing a small sided game
- To demonstrate shooting skills
- To apply simple attacking and defending skills
- To play a role in a competitive game.

Computing – Introduction to Python

- To tinker with a new piece of software
- To understand nested loops
- To understand basic Python commands
- To use loops when programming
- To understand the use of random numbers

Languages -Spanish

- The Date

Year 6 Spring 2

**Love learning and inspire
each other to thrive in the
world.**

English

Persuade and Narate

Focus:

- the difference between structures typical of informal speech and structures appropriate for formal speech writing, including the subjunctive form.
- the use of semi-colon, colons and dashes to mark the boundary between independent clauses.

Math

Mass, area and length

Area of figures

Geometry – 3D and 2D shapes, reflections

Science

Evolution

- To explain that characteristics are inherited from parents and vary between individuals.
- To describe how fossils provide evidence that living things have changed over time.
- To explain Darwin's ideas about natural selection and survival of the fittest.
- To describe how animals adapt to suit their environment and why this helps them survive.
- To use evidence to discuss how the human skeleton has evolved over time.
- To ask scientific questions about evolution and use research to support my ideas.

Music

Unit Title: You've Got A Friend

Unit Theme: The music of Carole King.

Geography

Plastic Polution

- To know what minerals are and to locate them on a map.
- To know why and how minerals are extracted (ethical)
- To learn about physical elements that generate energy and the differences (renewable and non-renewable)
- To know what the carbon cycle is
- To identify what damage is being done to the earth and how we can have positive impact
- To know the human impact on underwater life in our oceans

Our School Value focus this half-term

is:

Be Big Hearted

DT

Fairground Rides

- Explore different fairground rides and identify structural features.
- Design a fairground ride, creating labelled sketches and success criteria.
- Investigate materials and techniques for strengthening structures.
- Construct the main framework of a fairground ride.
- Add mechanisms and finishing details to create movement and visual appeal.
- Evaluate the final product, testing its effectiveness and suggesting improvements.

PE

WLSP - Y6 Striking and fielding
Teacher - Y6 Gymnastics
Swimming

RE – Sikhism

- Explore teachings and stories from Sikhism
- Describe what moral guidance Sikhs might gain from the stories and examples of the Gurus
- Make links between the beliefs, values and practices of Sikhism

Computing

- Explain why barcodes and QR codes were created.
- Follow a QR code treasure trail.
- Explain how infrared can be used to transmit data.
- Explain how RFID works.
- Recall the use of RFID chips.
- Describe real-world uses of RFID.
- Input data and type formulas into a spreadsheet.
- Independently sort and analyse spreadsheet data to conclude customer scenarios.

PSHE

Living in the Wider World

- Belonging to a community
- Media literacy and digital resilience
- Money and work
 - Valuing diversity; challenging discriminations and stereotypes.
- Evaluating media sources; sharing things online
 - Influences and attitudes to money; money and financial risks.

My Happy Mind
Relate

Languages – Spanish

Do you have a pet?

English

Narate
Focus:

- using brackets, dashes or commas to indicate parenthesis.
- how hyphens can be used to avoid ambiguity (e.g man eating shark vs man-eating shark).

Math

- Geometry – further knowledge of different irregular shapes
- Translations of shapes
- Position and movement

Science - Light

- To identify light sources and explain how we see them.
- To explain how we see objects that are not light sources.
- To investigate whether light travels in straight lines.
- To explain how shadows are formed and why they have the same shape as the objects.
- To explore how different materials affect light
- To apply what I know about light to real life situations

History - Titanic

- To understand why the Titanic was significant.
- To identify historical sources and determine their reliability.
- To investigate life on board for different classes.
- To investigate the people aboard the Titanic.
- To gather evidence to support opinions.
- To reflect on how the Titanic changed future events.

Music

- Unit Title: Music and Me
- Unit Theme: The Beatles/pop
- Anna Meredith - Something Helpful
- Shiva Feshareki - O and V-A-C
- Moscow • Eska - Heroes & Villains
- and Shades Of Blue • Afrodeutsche - And!
- and The Middle Middle • Option to listen to artists from the Inspirational Women timeline

Our School Value focus this half-term
is:

Discover the
Possible

Art

Sculpture 3D - Making Memories

- Discuss the work of artists that appreciate different artistic styles.
- Talk about artists' work and explain what they might use in their own work.
- Produce a clear sketchbook idea for a sculpture, including written notes and drawings to show their methods and materials needed.
- Successfully translate plans to a 3D sculpture.
- Work mostly independently, experimenting and trying new things.
- Produce a completed sculpture demonstrating experimentation, originality and technical competence.

RE – Buddhism

- To understand the difference between happiness and contentment.
- To understand how the life of Prince Siddhartha teaches about happiness
- To understand the Four Noble Truths and what they teach about life
- To understand how Buddhists try to live a good life.
- To reflect on what a 'good life' means to me.

PSHE

Physical health and Mental Well-being Growing and changing Keeping Safe

- What affects mental health and ways to take care of it; managing change, loss, and bereavement; managing time online
- Human reproduction and birth; increasing independence; managing transition
- Keeping personal information safe; regulation and choices; drug use and the law; drug use and the media

My Happy Mind

Engage

PE

WLSP - Y6 Athletics
Teacher - Y6 Athletics

Computing – Big Data 2

- Recognise that data can become corrupted within a network and that data sent in packets is more robust, as well as identify the need to update devices and software.
- Recognise differences between mobile data and WiFi and use a spreadsheet to compare and identify high-use data activities and low-use data activities.
- Make links between the Internet of Things and Big Data and give a basic example of how data analysis/analytics can lead to improvement in town planning.
- Explain ways that Big Data or IoT principles could be used to solve a problem or improve efficiency within the school and prepare a presentation about their idea, considering the privacy of some data.
- Present their ideas about how Big Data/IoT can improve the school and provide feedback to others on their presentations.

Languages–Spanish

Clothes

Year 6 Summer 2

Love learning and inspire
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world.

English

Recount and Inform

Focus:

- using relative clauses beginning with who, which, where, when, whose, that or with an implied relative pronoun.
- layout devices (sub-headings, columns, bullets or tables) to structure texts.
- punctuating bullet points consistently.

Math

Position and movement – using shapes, graphs and co-ordinates

Roman numerals – using clocks and reading

Science

Electricity

- To describe how electricity travels and explain how circuits work.
- To classify materials as conductors or insulators based on tests carried out.
- To ask questions about light and electricity and use evidence to support my conclusions.

Music

- Unit Title: Rewind and Replay
- Unit Theme: Classical
- Style of Main Song: The history of music, look back and consolidate your learning, learn some of the language of music
- Supporting Songs: La Quinta Estampie Real anon 13th century (Early Music), The Arrival of the Queen of Sheba by Handel (Baroque), Moonlight Sonata by Beethoven (Romantic), Bridal Chorus (Wedding March) by Wagner (Romantic), Rhapsody in Blue by Gershwin (20th Century), Einstein On The Beach by Philip Glass (Contemporary)

Geography

- To know the counties of the UK and how they were formed.
- To be able to locate all counties of the UK on a map.
- To be able to locate towns and cities within the different counties of the UK.
- To be able to locate rivers, seas and mountains within the UK.
- To use Ordnance Survey maps to use a digital map to follow a route.

Our School Value focus this half-term

is:

Discover the
Possible

DT - Burgers

- To explore different types of burgers and learn about their nutritional facts.
- To learn how to make different types of burger patties.
- To explore different sauces and side dishes that go well with burgers.
- To explore different types of burger buns and their suitability.
- To plan and design a burger to make.
- To make a burger and evaluate the final product.

RE- Christianity

- To understand why forgiveness is important.
- To understand Christian beliefs about salvation.
- To explore Christian beliefs about life after death.
- To understand how Christians seek forgiveness and reconciliation.
- To explore examples of forgiveness in Christian life.
- To reflect on what gives life meaning, purpose and hope.

PSHE

Respecting Ourselves and Others Families and Friendships Safe Relationships

- Expressing opinions and respecting other points of view, including discussing topical issues
- Attraction to others; romantic relationships; civil partnerships and marriage
- Recognising and managing pressure; consent in different situations

My Happy Mind
Celebrate

PE

WLSP - Y6 Athletics
Teacher - Y6 Athletics

Computing –

- Evaluate code, understand what it does and adapt existing code for a specific purpose.
- Debug programs and make them more efficient using sequence, selection, repetition or variables.
- Design appropriate housing for their product using CAD software, including any input or output devices needed to make it work.
- Create an appealing website for their product aimed at their target audience, which explains what their product is and what it does using persuasive language.
- Create an edited video of their project, articulating the key benefits.
- Describe and show how to search for information online and be aware of the accuracy of the results presented.

Languages - Spanish

At the Weekend