

REDESDALE PRIMARY SCHOOL

CURRICULUM PLANNING WEB

Y6 SPRING TERM



SCIENCE

Animals including Humans:

- Explore and answer questions that develop understanding of how the circulatory system enables the body to function.
- Investigate how to keep bodies healthy and how bodies might be damaged – including how some drugs and other substances can be harmful to the human body.
- Work scientifically by exploring the work of scientists and scientific research about the relationship between diet, exercise, drugs, lifestyle and health.

NC Link :Pupils can understand how the circulatory system enables the body to function.

DESIGN TECHNOLOGY

The Mayan Civilisation

- Explore the architecture, design and construction of Mayan temples and city buildings.
- Develop designs for 3 dimensional structures (Mayan ritual masks).

NC Link : Develop knowledge, understanding and skills needed to engage in an iterative process of designing and making, working in a range of relevant contexts [for example, culture and the wider environment].

COMPUTING

Raspberry Pi Computer Construction and Programming

NC Link

Pupils can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation.

ART

Art of Latin America and the Mayan Civilisation

- Explore and evaluate Latin American Artists and Mayan design, including techniques, materials and themes.
- Produce creative work, exploring their ideas and recording their experiences.

NC Link

To improve the mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.

LEARNING HOOK

Suppose your calendar predicted the end of the world -
Mayan Tzolkin calendar image.

OLA MAYAS!

FRENCH

J'habite

Describe places, things and actions orally and in writing.

NC Link: To find ways of communicating, including through discussion and asking questions, and continually improving the accuracy of pronunciation and intonation.

RE

Places of Worship;
Easter;
The Importance of Worship.

NC Link: To begin to recognise diversity in religion, learning about similarities and differences both within and between religions and beliefs and the importance of dialogue between them.

PE

Volleyball / Dance
play competitive games and apply basic principles suitable for attacking and defending.
develop flexibility, strength, technique, control and balance.
perform dances using a range of movement patterns.

MUSIC

South American music

Improvise and compose music for a range of purposes, focusing upon South American instruments.

NC Link: To understand music drawn from different traditions.

HISTORY

The Mayan Civilisation

- Explore the characteristic features of a past non-European society;
- Devise historically valid questions about change, cause, similarity and difference, and significance.
- Construct informed responses that involve thoughtful selection and organisation of relevant historical information.

NC Link

Construct informed responses that involve thoughtful selection and organisation of relevant historical information.

GEOGRAPHY

The Geography of Meso-America/South America

- Investigate, describe and understand key aspects of physical geography (vegetation belts, rivers, mountains) and human geography (types of settlement and land use.)
- Understand geographical similarities and differences through the study of human and physical geography.

NC Link

Extend knowledge and understanding of South America, to include the location and characteristics of a range of the world's most significant human and physical features.

PSHE

Going for goals;
Drugs Education;
Careers;
Good to be me;
Emotional Health and Well-Being;
Healthy Eating.

SCIENCE

- 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.

HISTORY

- investigate the Mayan civilisation and explore how we know about it.
- examine the evidence surrounding the Mayan people c.900 AD.
- recognise the Mayan contribution to scientific invention and cultural development.
- research the beliefs and rituals of this civilisation.
- compare and contrast Ancient Maya with modern and other historical societies.

DESIGN TECHNOLOGY

- Use research and develop design criteria to inform the design
- Generate, develop, model and communicate their ideas
- Use a wider range of tools and equipment
- Select from and use a wider range of materials and components
- Investigate and analyse a range of existing products
- Evaluate ideas and products against their own design criteria
- Understand how key events and individuals in D&T have helped shape the world
- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures
- Understand and use mechanical systems in their products
- Understand and use electrical systems in their products

GEOGRAPHY

- investigate the characteristics of key aspects of the physical geography of the Yucatan Peninsula and parts of South America.
- Refine skills in deduction using photographic evidence and maps about physical and human landscape features.
- explore the impact of humans upon the natural environment (Mayan cities and communication routes in the rainforest; human impact upon the Amazon rainforest today).
- consider economic aspects of human geography (e.g. agriculture and cultivation for commercial incentive).

COMPUTING

Design, write and debug programs that accomplish specific goals.

Use sequence, selection, and repetition; work with variables and various forms of input and output.

Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Use search technologies effectively

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals.

Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

ART

- practise techniques to create different effects (Mayan pottery; ritual masks; creative work inspired by Latin-American artists, e.g. Frida Kahlo)
- consider aesthetic aspects of colour, tone, shape and line.
- investigate key features of the traditional Mayan art, e.g. mural painting, stone carving, stucco work.

MUSIC

Improvise and compose music for a range of purposes

Listen with attention to detail and recall sounds with increasing aural memory

Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians.

FRENCH

Talk about different rooms in the house.

Use prepositions to explain where things are and what they do in each room.

Understand and give directions to key places in their local area. Read and understand the key information in tourist guides to a French town.

Write contributions to a guide to their area in French, using labels, descriptions and pictures.

PE

compare performances with previous ones and demonstrate improvement to achieve a personal best. apply and develop a broader range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement. enjoy communicating, collaborating and competing with each other.

PSHE

Exploration and reflection upon issues through research, discussion and role-play.

Demonstrate empathy and sensitivity for the feelings of others.

Explore through first-hand experiences (visits and visitors to school)