

Gladstone Primary School Topic Plan –Year 5

History

Learn about what life was like for people in Ancient Greece
The legacy of Greek culture on later periods in British history, including the present day.
A study of Greek life and achievements and their influence on the western world.
Develop the appropriate use of historical terms.

Art and Design Containers

Learn to collect visual and other information to help develop ideas
Learn about the roles and purposes of artists, craftspeople and designers working in different cultures
Learn to record from first-hand observation
Learn to explore ideas for container forms
Learn to apply their experience of materials and processes, developing their control of tools and techniques
Learn to use a variety of methods and approaches to communicate ideas, and to design and make a container form
Learn to adapt their work according to their views and describe how they might develop it further
First container made at museum, then refine design later in term

Olympian Drawings

Organise line, tone, shape and colour to represent figures and forms in movement.

English

Myths
Autobiography
Persuasive writing.

Computing

Internet proficiency and e-safety
Internet research
Use Scratch program for graphical modelling and control units

Physical Education

Tennis
Rugby
Swimming

MFL

Food and drink
Items of clothing
How to order something in a cafe/ shop
Cultural aspect/Spanish food

Heroes and Monsters

Science

Light

Understand 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, and to predict the size of shadows when the position of the light source changes.

Electricity

Associate the 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.

Geography

Identify human and physical characteristics, key topographical features and land use patterns and understand how some of these aspects have changed over time.
Human geography including types of settlement and land use, economic activity, including trade links, and the distribution of natural resources including energy, food, minerals and water.
Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

DT

Recognise the movement of a mechanism within a toy or model.
Generate, develop and explain clearly ideas for products to meet a range of needs.
Plan what they have to do.
Communicate design ideas in different ways.
Select appropriate tools and techniques.
Make realistic plans.
Suggest alternative ways of making their product.
Explore the qualities of materials and how to use materials and processes .
Measure, mark, cut out and shape a range of materials and assemble, join and combine components and materials with increasing accuracy.
Identify where evaluation has led to improvements.
Design and use a cam system to make a moving toy

RE

Why do some people think God exists?

Music / Drama

Heroes of Troy singing and performance skills

Themed Areas / Book Areas

Temple
Medusa's lair

Visits / Visitors

Potteries Museum Greeks

Vocabulary

Myth, hero, Europe, ancient, democracy, oracle,

Other

Assembly
Food tasting

Gladstone Primary School Spring Topic Plan Year 5

Art and Design

Weather Art– Turner

- to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] about great artists, architects and designers in history

DT -Shelters

-use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups investigate and analyse a range of existing products

-select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately

select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

-evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

understand how key events and individuals in design and technology have helped shape the world

RE

What Would Jesus Do?

ICT

E-SAFETY

PRESENTATION SKILLS

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, including collecting, analysing, evaluating and

Geography

Describe and understand key aspects of:

- physical geography, including: climate zones, mountains, volcanoes and earthquakes.

Locate the world’s countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities

SUPERHEROES

The Angry Earth

MFL Spanish
School day
Places in school

English

Non– chronological comparative report

Stories told from a different point of view or with different “voices”. (Superhero stories)

Poems based on a model—The Door

Maths

See separate plans

Science

Forces

- explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- identify the effects of air resistance, water resistance and friction, that act between moving surfaces

recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect

Changes and Properties of Materials

- compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- demonstrate that dissolving, mixing and changes of state are reversible changes

explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda

Music

Music—machine music
composing

Physical Development

Hockey/Football (invasion games)
Gymnastics

Themed Areas / Book Areas

Volcano
Superhero Hideout

Visits / Visitors

Theatre visit

Vocabulary

See individual plans

Other

SUPERHERO DAY

Gladstone Primary School Summer Topic Plan Year 5

History

Locate the Tudors and Stuarts in time
 Knowledge and understanding of events, people and changes in the past-why did Henry VIII treat some of his wives so badly
 Learn of the threats of disease and poor living conditions for the majority of the people in the country.
 Use a range of sources to find out about people-comparing rich vs poor health.

Learn about the types of evidence about Tudors and Stuarts .
 Understand the reasons for and consequences of events in Tudors and Stuart times-the plague
 Select and combine information from different sources.
 Begin to produce structured work making appropriate use of dates and terms.
 Communicate knowledge and understanding in a variety of ways.
 Learn about the attitudes of wealthier people towards the poor.
 Learn how Tudor medicine worked.

Geography

Locate Tudor houses on Flash earth (Ford Green etc)
 Learn about the lack of sanitation in Tudor times
 Learn about the explorers, importers, and exporters in Tudor and Stuart times.
 Develop map making skills.

Music / Dance / Drama

Develop an understanding of the history of music

Art and Design Objects and meanings

To create sketch books to record their observations and use them to review and revisit ideas
 To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] about great artists, architects and designers in history

DT -Egg dishes/omelettes

Understand and apply the principles of a healthy and varied diet
 Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques
 Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed

Science

All living things

Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
 Describe the life process of reproduction in some plants and animals

Animals including humans

Describe the changes as humans develop to old age

Computing

Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
 Use sequence, selection, and repetition in programs; 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, appreciate how results are selected and ranked, and be discerning in evaluating digital content
 use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

English

Narrative to playscript
 Narrative poetry—The highway-man
 Biography

Physical Development

Games
 Athletics
 Swimming

RE

What can be learnt from the Muslim way of life?

MFL

House and home
 The school day

PHSCE

Puberty—Nurse visit

Horrible Histories Terrible Tudors

Themed Areas / Book Areas

Tudor kitchen, [apothecary](#), plague house, dungeon., Tudor house

Visits / Visitors

Visit Ancient High House, Stafford
 Standon Bowers taster day

Vocabulary

Banquet, monarch, heir, executioner, plague, dissolution, protestant, treason,

Other

Nurse re. Growing up/puberty