



Gwladys Street C P and N School Long Term Plan - Year 5



Year 5	Autumn	Spring	Summer
	Mexico and the Mayans	Wild Rivers	Invaders
History/ Geography	Describe and understand the terms HUMAN and PHYSICAL geography. Use maps, atlases and globes to name and locate countries and cities of the world. Know where to place the Ancient civilization of the Mayans in time. Describe the legacy of the Ancient Mayan civilization.	Use maps, atlases, globes and digital/computer mapping to locate rivers within cities and counties in the UK, countries in the continents around the world. Use their understanding to describe how rivers are formed.	Use atlases, pictures and the internet to establish routes taken by the invaders and discuss the issues they faced showing an understanding of causes and consequences of the end of the Roman occupation in Britain. Use observational skills to draw houses and artefacts, research skills to develop an understanding of life in an Anglo Saxon village.
Art	Collage - Make a Mayan mask using a range of materials. Organise and combine visual and tactile qualities of materials and develop explorations, ideas and responses in art work.	Painting - Watercolour painting in the style of Monet. Explore patterns and record, enlarge, match and extend them to realise their intentions.	3D - Create an Anglo Saxon shield using ModRoc. Experiment with and use knowledge of sculptural techniques and processes to communicate ideas and experiences.
DT	Food- Celebrating culture and Seasonality. Understanding seasonality and knowing how and where ingredients are grown, reared, caught and processed. Creating Aztec Food.	Structures- Frame Structures – creating an innovative bridge design using a prototype. Designing and making a moving bridge using hydraulics.	Structures- Frame structures -making a prototype before the final version. Final product – making a model of a Saxon house to create a Saxon village.
Science	Earth and Space Describe the movement of the Earth, and other planets, relative to the Sun in the solar system Describe the movement of the Moon relative to the Earth	Properties and changes 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	Forces and Magnets Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object

Golden Opportunities for Achievement and Learning





Gwlady's Street C P and N School Long Term Plan - Year 5



	<p>Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky</p>		<p>Understand 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.</p>		<p>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 Animals, including humans Describe the changes as humans develop from birth to old age. Living things and their habitats. 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.</p>	
RE	<p>Authority figures Christianity Islam Judaism</p>	<p>Holy Books Christianity Islam Judaism</p>	<p>Places of worship Christianity Islam Judaism</p>	<p>Festivals and celebrations Christianity Islam Judaism</p>	<p>Inspirational figures Christianity Islam Judaism</p>	
Music	<p>Living on a prayer-Rock. Rock Anthems Identifying structure and singing in unison.</p>	<p>Classroom Jazz 1- Bossa Nova and Swing. Jazz and Improvisation.</p>	<p>Make You Feel my Love- Pop Ballads. Pop Ballads. Recognising changes in tempo, dynamics and textures.</p>	<p>The Fresh Prince of Bel Air- old school hip hop. Old school hip hop. Recognising changes in tempo, dynamics and textures.</p>	<p>Dancing in the street- Motown. Motown.</p>	<p>Reflect, Rewind and Replay- Classical. The history of music, look back and consolidate your learning, learn some of the</p>

Golden Opportunities for Achievement and Learning





Gwladys Street C P and N School Long Term Plan - Year 5



Physical Education	<p>Handball Ready position to receive ball. Send and receive with accuracy. Dribble with control. Anticipate play. Officiate a game effectively.</p>	<p>Gymnastics Matching, mirroring and contrast. Demonstrate fluent routines, Consistently use technical language.</p>	<p>Team Building and Problem Solving Leadership</p>	<p>Dance Create own motif of 32 counts. Use chance choreography. Canon. Unison. Basketball Dribble with control. Manoeuvre the ball competently. Pass using correct language. Zonal and man to man defending. Play a game of Basketball.</p>	<p>Swimming</p> <p>language of music.</p>	
	Computing	<p>iData (Using Spreadsheets) To understand that spreadsheets can be used to store numerical data and to make calculations. To enter a formula to calculate totals. To understand that graphs and charts can be created and easily be changed from spreadsheet data.</p>	<p>Sphero Robotics Use sequence, selection and repetition in programs that make Sphero move according to plan. Solve 'problems' by splitting them down into smaller parts (decomposition). Write and amend programs to create a variety of outcomes. Test computer programs and correct most errors.</p>	<p>iCrypto To understand that messages can be sent and received secretly. To encrypt/decrypt simple messages. To understand that messages can be sent electronically over distances. To understand that data can be transmitted as binary (on or off). Understand the algorithm of a simple shift cipher.</p>	<p>iProgram (Kodu) Write and amend more complex computer programs to create a variety of outcomes. Use iteration (repeats and loops), and conditional statements (e.g. when do) in computer programs. Introduced to variables and how to use them to control outcomes. Test and debug computer programs.</p>	<p>3D Modelling Use different online tools for different purposes. Be able to use a variety of familiar and unfamiliar software by using a pre-existing skill set. Select, use and combine the appropriate technology tools</p>

Golden Opportunities for Achievement and Learning





Gwlady's Street C P and N School Long Term Plan - Year 5



	To understand the SUM function can be used to create formulas that will perform addition calculations. To use a spreadsheet to model a costing exercise.		To understand the importance of cryptography historically and today		to create effects in media.	pick up items from a table. Test, debug and amend programs to solve a problem.
MFL	More body parts Illness Family members Giant Turnip story 1 – 60 (all calculations) Clothes (uniform) + adjectival agreement Get dressed Robert story Time - ¼ past and ¼ to 1 – 60 odds/evens, counting in 2s/5s/10s. Clothing linked to Christmas		Modes of Transport How you travel to places and why x10 to 100 Rooms in house [6] [Cache cache cochons story] + bedroom furniture Prepositions Fr: 60-79/ Sp: 1-100 Fr + Sp: multiples of 10 to 100 (R/W)		Recap family members Hobbies [incl. musical instruments] 1 – 100 Sp/80 – 100 Fr Countries, flags (+ colours) and nationalities Magic carpet story 1 – 100 in/out of sequence	
Safe messages	Sun/heat safety, food safety and hygiene.		Pollution/ water safety. Using tools safely.		Anti-Bullying messages	

Golden Opportunities for Achievement and Learning

