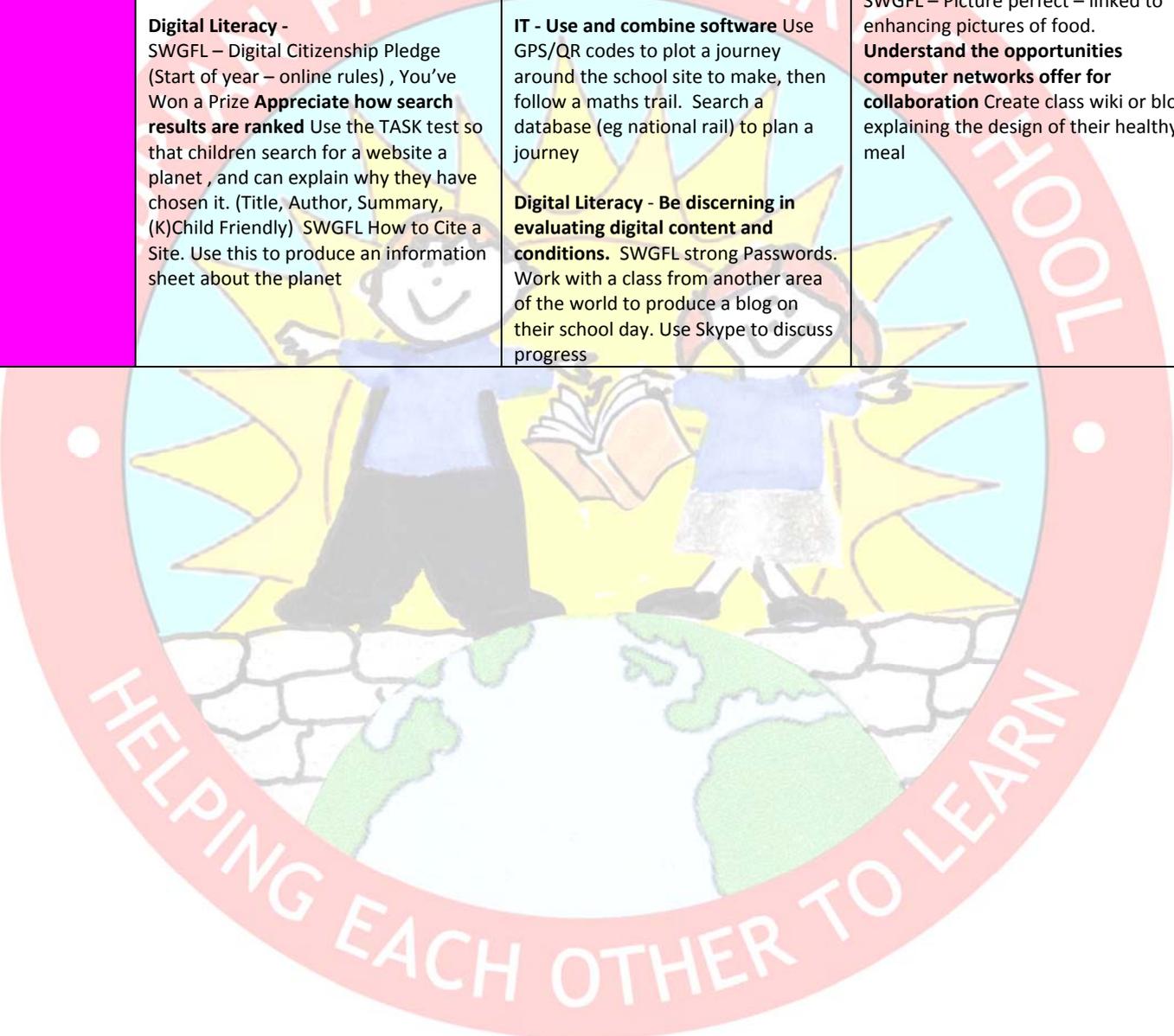# YEAR 5 CURRICULUM MAP

		Autumn – Did the Ancient Greeks change the world?	Spring – How important is the Rainforest really?	Summer- How well do you know your local area?
Reading	**Word reading**	NC Appendix 1 (NC p 43)		
	Comprehension	Texts include: wide range of fiction (including fairy stories, myths and legends, modern fiction, fiction from our literary heritage and books from other cultures and traditions), poetry, plays, non fiction texts and reference books / text books (NC p 43)		
Writing	**Transcription**	Spelling programme (NC Appendix 1)		
	Composition	Writing focusing on audience, purpose and form (NC p 47/48)		
	VGP	NC Appendix 2		
Speaking and Listening		12 Statutory statements (NC p 17)		
Maths		Number and Place Value, Addition and Subtraction, Multiplication and Division, Fractions (decimals and percentages), Measures, Geometry: properties of shape, Geometry: position, direction and motion, Statistics		
Science		**Properties and changes of materials** (Solids, liquids and gases and changes in atoms).	**Living things and their Habitats / Animals including humans** (changes in humans as they grow).	**Earth and Space.** **Forces** (gravity, friction, air resistance, water resistance, levers pulleys and gears)
		Working Scientifically – on going across the year in all areas.		
Computing		**Computer Science** - Use logical reasoning to explain how some simple algorithms work. Espresso Coding	**Digital Literacy** - Be discerning in evaluating digital content and conditions. PACMAN	**IT** - Combine a variety of software to accomplish given goals, analyse and evaluate data, design system. Scratch
History		**The Ancient Greeks –** The changes that have occurred over time and the impact these changes have had on life today.		**Local History study**- The study of the local area in which we live.
		History skills (chronological understanding) and fieldwork- on going across the year		
Geography		**Location Knowledge** locate world's countries, use maps to focus on Europe (inc Russia) and North/South America, concentrate on environmental regions, key physical and human characteristics, countries, and major cities	**Place knowledge-** Contrasting **locality study: UK, Greece and region of South America**	**Human and Physical** describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
		Geographical skills and fieldwork – on going across the year		
D.T.		**Food-** Greek food tasting	**Textiles –** Design and make own hand puppets linked to the Rainforest	**Technological Knowledge:** understand and use mechanical and electric systems in own products.
Art and Design		Ancient Greek Architecture and design. Creating Greek pots	Linked to design and technology.	Arts Week Local art study
		Create sketchbooks to record observations		
Music		**Charanga** 'Livin on a Prayer' Classroom Jazz Christmas carols	**Charanga** 'Make You Feel My Love' 'Fresh Prince of Bel Air'	**Charanga** 'Dancing in the street' Reflect, rewind and replay
		North Tyneside Music Hub - Charanga		
MFL		**Unit 7** **Mon ecole et moi** Vocabulary related to school Telling the time Christmas in France	**Unit 7** **Mon ecole et moi** Vocabulary related to school Telling the time **Unit 8** **Qu'est-ce que tu veux?** Ordering food/drink in a café.	**Unit 8** **Qu'est-ce que tu veux?** Ordering food/drink in a café.
P.E.		**Gymnastics and Hockey**	**Dance and Football/Tennis**	**Athletics and Cricket/Rounders**

PHSE	**Safety education** Risks Responsibility for judgements Responsibility for own safety Safe use of internet and mobile phones People I trust **Anti-bullying education** Rules and laws Stereotyping Challenging all 'isms' Media impact	**Puberty** Logistics for girls Hygiene Positive and negative relationships **Emotional health and wellbeing** Healthy eating Choices	**Drugs education** **Peer pressure** **Physical and social environment** Developing and using the school grounds
R.E.	**The Bible** Origin, structure, content, use. The importance of the Bible for Christians. **Christmas** - Peace	**Jesus** How Jesus is represented through art and in the gospels. People's perspectives of Jesus **Easter** Events which led to the crucifixion	**Hinduism**
	Statutory subject in all year groups **Curriculum must be based on North Tyneside Agreed Syllabus**		

Additional information relating to Computing

Computing	Computer Science - Use logical reasoning to explain how some simple algorithms work. Use Flowol or Go to control an on-screen simulation. Using a control box use this to control their DT Moonbuggy Model IT - Select, use and combine software on a range of digital devices - Produce a storyboard and animation about the solar system. Evaluate. Use Video software (Photostory, imovie etc) to create a short documentary about the 1969 Moon Landings Digital Literacy - SWGFL – Digital Citizenship Pledge (Start of year – online rules) , You've Won a Prize **Appreciate how search results are ranked** Use the TASK test so that children search for a website a planet , and can explain why they have chosen it. (Title, Author, Summary, (K)Child Friendly) SWGFL How to Cite a Site. Use this to produce an information sheet about the planet	Computer Science - Solve problems by decomposing them into smaller parts, Use selection. Use logical reasoning to detect and correct errors in algorithms. Create simple repeating pattern (spirograph) by using nested loops (Scratch Logo/Textease turtle), Solve problems by using loops e.g. Cargobot App, create game using loops e.g. whack a witch. Use the "Peter Packet" activity to start to understand how data flows around the world. (warning – includes reference to AIDS) IT - Use and combine software Use GPS/QR codes to plot a journey around the school site to make, then follow a maths trail. Search a database (eg national rail) to plan a journey Digital Literacy - Be discerning in evaluating digital content and conditions. SWGFL strong Passwords. Work with a class from another area of the world to produce a blog on their school day. Use Skype to discuss progress	Computer Science - **Work with variables** Create a simple game in Kodu with a basic scoring system IT - Combine a variety of software to accomplish given goals, analyse and evaluate data, design system. Create and use spreadsheet to calculate food miles for a meal. Create a poster/website to advertise their athletes meal along with explanatory text. Use image editing software to enhance their pictures. Digital Literacy - SWGFL – Picture perfect – linked to enhancing pictures of food. **Understand the opportunities computer networks offer for collaboration** Create class wiki or blog explaining the design of their healthy meal