Thornhill Primary School
Long Term Planning

Year 5

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	To cover: Number, Written methods, Fractions, Decimals, Percentages, Ratio, Proportion, Algebra, Measurement, Geometry (shapes/ Position and direction) and Statistics					
English	To cover: Reading, Reading Comprehension, Spelling, Grammar, Punctuation, Vocabulary, Writing, Speaking and Listening.					
Science	**Living things and their habitats** - Life cycles - Life process of reproduction in plants and animals	**Forces** - Gravity - Air and water resistance - Friction - Mechanisms	**Animals including humans** - Changes through life	**Earth and Space** - Moon - Earth and other planets - Day and night	**Properties and changes of materials** - Properties of materials - Separating materials - Reversible changes - Use of every day material	
History	**Bronze Age** - Introduction - Life - Stonehenge - Timeline	**Non-European Society** - Ancient Islam	**Romans** - Romanisation of Britain	**Vikings and Anglo Saxons** - Invasion and resistance by Alfred the Great (Anglo Saxon king) and Athelstan	**World War One** - Battle of Britain	**Local Study** - Mining
Geography	**Revise and Locate** - Continents - Oceans - Seas surrounding the UK - Rivers and Mountains	**Locate** - Shildon - Regions and Counties - Major countries of the world(comparing with the UK)	**Oceania and Australia** - Compare Oceania with the Europe - Compare Australia with the UK - Land mass and water - Physical features - Human features **Directions** - 8 point compass - 6 figure grid references		**Physical Events** - Earthquakes	**Fieldwork** - Human and Physical features in Shildon - How do coasts and rivers change the land over time
Design and Technology	**3D CAD** - 3D medal	**Mechanical Systems** - Pop up card	**Structure** - Bridges	**Electrical Systems** - Doodlers	**Textiles** - Stuffed Planets	**Cookery** - Pasta Bolognese
Religious Education	**Christianity** - Revision - God as a trinity - Jesus and key	**Judaism** - Revision - Expression of God - Sefer Torah	**Islam** - Revision - 6 beliefs - Imam	**Hinduism** - Revision - Belief in reincarnation,	**Sikhism** - Revision - Equality - Guru Granth	**Buddhism** - Buddha - Natural World - Dharma

	events - Bible - Commitment and belonging - Christian places - Northern Saints - Harvest	- Commitment and belonging - Jewish values - Rabbi **Christianity** Christmas	- Mosque - Muslim children	Atman, Karma and Ahisma - Traditional stories - The Sacred Thread Ceremony - Beliefs and values **Christianity** Easter	Sahib - Baisakhi - Moral Codes	- Teachings and stories - Home Shrine - Symbols for worship - Prayer and Meditation - Buddhist Study - Behaviours - Belonging and Commitment - Wheel
Art and Design	**Colour Painting** - Recreation of a van Gogh piece	**Painting and mixed media** Portraits	**Sculpture and 3D** Interactive installation	**Craft and design** Architecture	**Drawing** I need space	**Famous Artist** - Tom McGuiness
Computing	**Programming** Rapid Router, Code for Life **Digital Literacy** - My Media Choices **ICT** - Keynote	**Programming** - Hour of Code Sphero Indie **Digital Literacy** - Private and Personal Information **ICT** - Pages	**Programming** - Sphero Bolt **Digital Literacy** - Our Online Tracks **ICT** - iMovie	**Programming** - Scratch - Maze **Digital Literacy** - Keeping Games Fun and Friendly **ICT** - Numbers	**Programming** - J2 Code **Digital Literacy** - Be a Super Digital Citizen **ICT** - Clips	**Programming** - Scratch - Hide and Seek **Digital Literacy** - A Creator' Rights and Responsibilities **ICT** - Reality Composer
French	**To be taught by specialist teacher**					
	Monster pets and animals	**Space**	**Shopping**	**A French speaking world (direction, language, countries)**	**Verbs (actions)**	**Family**
PE	**To be taught by a specialist teacher**					
	Tag Rugby **Orienteering**	**Foot/basketball** **Dodgeball**	**Basketball** **Gymnastics**	**Dance** **Football/Netball**	**Athletics** **Cricket**	**Tennis** **OAA**
Music	**To be taught by a specialist teacher.**					
	Learn to play the ukulele **Songs, singing and rhythm games** **Musical knowledge**	**Learn to play the ukulele** **Songs, singing and rhythm games** **Musical knowledge**	**Learn to play the ukulele** **Songs, singing and rhythm games** **Musical knowledge**	**Learn to play the ukulele** **Songs, singing and rhythm games** **Musical knowledge**	**Learn to play the ukulele** **Songs, singing and rhythm games** **Musical knowledge**	**Learn to play the ukulele** **Songs, singing and rhythm games** **Musical knowledge**
PSHE	**My healthy self**	**Connecting with others**	**The online world**	**Citizenship (community)**	**Staying Safe**	**Citizenship 2 (money)**