Year 6 Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
RE	**Creation and covenant** In this unit children will learn about original sin (the story of Adam and Eve) and how in Jesus, God restored humanity's relationship with him. Children will also look at the sacrament of Baptism and the gifts of the Holy Spirit.	**Prophecy and promise** In this unit children will explore Old Testament passages that show the importance of women in salvation history, e.g.: Genesis 18:1-15; 21:1-7: Sarah Exodus 1:8-22; 2:1-10: Miriam Judges 4:4-11; 5:7-15: Deborah 1 Samuel 1:5, 9-11, 26-28: Hannah Esther 2:4, 15-17; 3:1-6, 12-13; 4:1-4, 8a-17; 5:1-8; 7:1-6, 9-10; 8:3-12 (Purim): Esther Lk 1: 26-56: Mary as the fulfilment of	**Galilee to Jerusalem** In this unit children will look at how God inspired the authors of Sacred Scripture. Along with how Scripture is understood literally and spiritually. This will include: The Wedding at Cana (Jn 2:1-12) Healing the official's son (Jn 4:46-54) Healing the man at Bethesda (Jn 5:1-47) Feeding the 5000 (Jn 6:1-4) Walking on water (Jn 6:15-21) Healing the Blind Man (Jn 9:1-41)	**Desert to garden** In this unit children will explore how at The Last Supper Jesus showed his love by washing his disciples' feet. As well as how Jesus showed his love by dying on the cross. Children will explore the following Scripture: The anointing at Bethany (Jn 12:1-11) Jesus washes his disciples' feet (Jn 13:1-17) First farewell discourse (Jn 13:33-38) The arrest of Jesus (Jn 18:1:11)	**To the ends of the Earth** In this unit children will explore how the Resurrection is the work of the Holy Trinity. As well as how Christians and the disciples believe that Jesus rose from the dead. The following Scripture will be explored: The empty tomb and the appearance to Mary Magdala (Jn 20:1-18) Appearances to the disciples Jn 20:19-31 Conclusion (Jn 20: 30-31) Christians believe in the	**Dialogue and Encounter** In this unit, children will learn that Catholics should work to promote 'unity and love' among all people. They will also recognise links and simple connections between some Dharmic beliefs, practices, and way of life (e.g., Hinduism or Sikhism or Buddhism or Jainism).

		Old Testament promises.	Raising of Lazarus (Jn 11:1-57) 'I am the bread of life' (Jn 6:35) or 'I am the Resurrection and the life' (Jn 11:25)	Jesus before Pilate (Jn 18:28-40, 19:4-6) The Crucifixion (Jn 19:17-22) Jesus and his mother (Jn 19:25-27) The death of Jesus (Jn 19:28-37)	Resurrection (1 Cor 15:14) Jesus as the last Adam (1 Cor 15:45-49) The story of Stephen (Acts 6:8-15, 7:51-60)	
English	See English Curriculum Map					
Maths	**Number and Calculation** This half term, children will learn the place value of numbers up to 10 million, including decimals and decimal fractions. We apply those numbers in various contexts, including rounding, addition, subtraction, multiplication and division.	**Fractions and percentages** This half term, children will learn how to simplify, compare, add, subtract and multiply proper fractions. Following this, they will know how to find fractions and percentages of whole numbers.	**Geometry** Children will draw, compose and decompose shapes according to given properties including dimensions, angles and area to solve related problems.	**Ratio and Proportion** In this unit children will learn to solve problems involving similar shapes where the scale factor is known or can be found.	**Statistics** In this unit children will learn to analyse and interpret data using pie charts to solve a problem.	**Algebra** In this unit children will learn to express missing number problems algebraically and use simple formulae expressed in words. They will also generate and describe linear number sequences.

Science	**Animals inc Humans: Circulation Systems** Children will learn about the human circulatory system, describing the functions of the heart, blood vessels and blood, and the impact our lifestyle choices have on our bodies (diet, drugs, smoking, and exercise).	**Materials: Reversible and irreversible change** Children will learn about the changes that materials can undergo when in contact with other materials or when changes in the environment occur.	**Energy: Light** Children will explore the properties of light and will investigate the difference between luminous and non-luminous objects.	**Habitats: Evolution & Adaptation** Children will learn about the different types of microorganisms, including bacteria, yeast, toadstools and mushrooms. Following this, they will learn about the process of evolution resulting in change over a long period of time.	**Forces: electricity** Children will learn how electricity works and will use models to explore the definitions of voltage and current.	**Plants: Photosynthesis** In this unit, children will learn how a plant uses water, carbon dioxide and sunlight to make their own food.
History	N/A	**Victorians** Children will learn who Queen Victoria was. They will also look at major changes during the Victorian era including advancements in industry, science and rail travel.	N/A	**Victorians** Children will understand how England changed during the Victorian era. They will learn about workhouse reforms, with a focus on Lord Shaftesbury and education	N/A	**Local History/WWII** Children will understand how Blackpool was affected during WWII. This will include the civil defence and rationing.

				reforms.		
Geography	**Climate Change and Sustainability** Children will learn that climate change is the natural part of the Earth's cycle and has happened lots of times over its history. They will also look at some of the human activity which is contributing to climate change and about how we can become more sustainable.	N/A	**Global Trade** Children will learn that due to advances in communication, technology and transport, over time, trade has changed from local, national and is now possible on a global scale. They will also learn about how the human and physical geography of some countries determines what it can produce.	N/A	**South America** Children will learn about the geographical location of South America and some key physical features including The Andes, Angel Falls, Machu Picchu and The Amazon Rainforest. They will also look at similarities and differences between Lima and Blackpool.	N/A
Art	N/A	**Activism** Children will explore how artists use their skills to speak on behalf of communities. They will make art about things they	N/A	**Brave Colour** Children will explore how artists use light, form and colour to create immersive environments.	N/A	**Shadow Puppets** Children will explore how traditional and contemporary artists use cut-outs and shadow puppets.

		care about.				
Design Technology	**Mechanical Systems Cams** Children will be able to design, make and evaluate a mechanism with cams.	N/A	**Textiles Combining different fabric shapes** Children will be able to design, make and evaluate a 3D product with different textile shapes and fabrics.	N/A	**Electrical Systems More complex switches and circuits (including programming, monitoring and control)** Children will be able to design, make, evaluate more complex circuits (including programming and control).	N/A
Computing	**Computing systems and networks: Bletchley Park and the history of computers** Children will be able to explain how codes can be used in security, create a website and explain the importance of	**Computing systems and networks: Exploring AI** Children will explore what AI is and how it generates text, images and code, as well as learn about creating and refining prompts to	**Data handling 1: Big Data 1** Children will learn about bar codes and QR codes and their ability to store data efficiently.	**Programming: Into into Python** Children will learn how to alter drawings using Python commands, also use loops in Python and explain what the parts of a loop do. They will recognise that	**Data handling 2: Big Data 2** Children will learn that updating computers gives more protection. They will understand how secure data can improve decision making and problem solving.	**Skills showcase: Inventing a product** Children will learn what designing an electronic product involves, also which programming software/language is best to achieve a purpose.

	historical figures in their contributions to computing history.	improve AI responses while also considering the ethical implications of AI and its potential to replace human roles.		computers can choose random numbers; decompose the program into an algorithm and modify a program to personalise it.		
PE	**Athletics** Children will learn how to use replay takeovers including the upsweep or down sweep methods. They will also learn how to use a sprint start with short strides to start shorter distances and use different running techniques for short and long distances.	**Gymnastics** Children will explore how to perform a group counter balance and part weight bearing balances with a partner. They will also explore how to move fluently into and out of different paired and group balances using gymnastics actions.	**Basketball** Children will learn how to use a range of passing techniques (chest, bounce) with accuracy and control over different distances. They will also be able to demonstrate good technique to move on the court with and without the ball, including stopping and pivoting.	**Tennis** Children will be able to hold a racket correctly and show a forehand and backhand short after a ball has bounced. They will also be able to hit a forehand and backhand shot at a target area.	**Rounders** Children will be able to bowl with accuracy using an underarm throw and will be able to use an overarm throw when fielding. They will learn how to strike a ball with a bat. They will also be able to use tactics during a rounders game.	**OAA** Children will be able to work as a team to solve challenges. They will develop the skill of problem solving and will try different ideas and solutions to solve a problem without a fear of failure.
Music	**Music and Technology** In this unit,	**Developing Ensemble Skills** In this unit,	**Creative Composition** Children will be	**Music styles connect us** Explore how the	**Improvising with Confidence** Children will	**Farewell Tour** Children will plan and choreograph

	children will use technology to create a piece of music.	children will learn about a variety of different musical styles and their origins.	given the opportunity to play, improvise and compose using a selection of notes.	different styles of music connect different people within a community.	create their own personal musical ideas. They will consider phrasing and dynamics when creating music.	an end-of-year performance, including the songs and music that represent their class.
MFL	**La date** **The date** Children will learn the days of the week, the twelve months and numbers 1-31 in French.	**Traditions et celebrations** **Culture** Children will learn how to ask and respond to key questions in the foreign language about 5 key traditions and celebrations in the French-speaking world.	**Le week-end** **The weekend** Children will learn the language required to describe a variety of activities they may do at the weekend as well as the language needed for telling the time accurately in French.	**Manger et bouger** **Eating and exercise** Children will learn healthy and unhealthy food choices. They will also look at healthy recipes with instructions in French.	**A l'ecole** **School** Children will learn the vocabulary for school subjects. They should be able to give their opinion of these subjects in French, forming a short phrase.	N/A
PSHEE/HRSE	**Families and friendships** Attraction to others; romantic relationships; civil partnership and marriage.	**Safe relationships** Recognising and managing pressure; consent in different situations. **Respecting**	**Belonging to a community** Valuing diversity; challenging discrimination and stereotypes.	**Media literacy and Digital resilience** Evaluating media sources; sharing things online. **Money and Work** Influences and attitudes to	**Physical health and Mental wellbeing** What affects mental health and ways to take care of it; managing change, loss and bereavement; managing time	**Growing and changing** Human reproduction and birth; increasing independence; managing transitions.

		ourselves and others Expressing opinions and respecting other points of view, including discussing topical issues.		money; money and financial risks.	online.	**Keeping safe** Keeping personal information safe; regulations and choices; drug use and the law; drug use and the media.