

	Autumn Term 'Inventors and Inventions'	Spring Term 'Moon Zoom'	Summer Term 'Buckets and Spades'
Literacy	Non-fiction writing Recounts Instructions Explanations Letters	Fantasy stories Character and setting descriptions Poetry Reports on real events	Poetry Recounts – real and imaginary Non-chronological reports Adverts and their use of persuasive devices
Numeracy	Place Value Addition and Subtraction Symmetry Statistics Geometry - Shape	Number and Place Value Fractions Multiplication and Division Geometry - Position and Direction Capacity and Volume	Number and Place Value Money Measurement and Length Time Mass and Weight
Science	Alexander Graham Bell Sound – pitch, volume and how sound is heard Light – (Link to Swan and Edison – invention of light bulb for home use) Recognise that light appears to travel in straight lines Investigate shadows Seasons Study	Earth and Space Know the planets in our Solar System Understand day and night Understand gravity Seasons Study	Forces – Floating and sinking Investigate which materials float and explain why some things sink Independently set up practical enquiries, comparative and fair tests Identify the effects of air resistance, water resistance and friction Recognise that some mechanisms (levers & pulleys for example) allow a smaller force to have a greater effect Seasons Study
History	Look at a range of Victorian Inventors and Inventions. Explore life in Victorian Times with a greater focus on lives of children.	To look at the key events linked to space history. To use chronological order to put these events into a timeline.	The Victorian Seaside – look at Blackpool and how it has changed. Use a range of artefacts to discover what holidays in Blackpool were like.
Geography	Life in the local area during Victorian Times	Locate a range of different countries within the world.	Locate and compare a range of seaside towns and cities in the UK.

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	Local inventors – how these have shaped today's world – Richard Arkwright, Sir Robert Peel	Describe and understand key physical and human aspects of a range of countries. To explore Bangladesh (culture / features).	Link to holidays abroad - compare and contrast To explore the differences between London and Rio.
Computing	Development of ICT over time E-Safety Research using search technologies and appreciate how results are selected and ranked. Create Slide show on area of interest within topic and present to class	Using programmable toys to explore algorithms Using a range of digital recording devices to film messages to and from people from outer space	Using search technologies effectively, gain an understanding of what Blackpool was like in Victorian Times. Compare picture then and now Using a variety of software to create posters and leaflets advertising Blackpool as a holiday destination.
Religious Education	<i>Hinduism</i> Hindu family life, beliefs, traditions and celebrations. <i>Christianity</i> How should we live our lives? Special traditions and ceremonies in church. Why are they significant? Harvest Advent Nativity Christmas	<i>Christianity</i> Where can we find guidance on how to lead our lives? Old Testament stories, 10 commandments <i>Judaism</i> How should we live our lives? Jewish family life, traditions, beliefs and celebrations.	<i>Islam</i> How should we live our lives? Muslim family life, beliefs, traditions and celebrations. Ramadan <i>Christianity</i> Jesus – How did Jesus live?
Art & Design	Own Inventions Victorian Art – Self-portraits & silhouettes	Look at Peter Thorpe and his work on rockets Space Art using chalk and paint The life and works of Jackson Pollock	3D Seaside Pictures Beach Huts
Design Technology	Designing and making musical Instruments Creating our own inventions	After being given a design brief, children to create a build their own Moon Buggies. Explore what can be food taken on a moon expedition.	Exploring, designing and building our own Victorian toys To explore levers and pulleys

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Personal, Social, Health and Economic Education	New Beginnings Food and Nutrition People who help us	Health Related Exercise In the media – what's in the news?	Environmental and psychological aspects How do rules and laws affect us?
Physical Education	PE Specialist leads PE curriculum planning and delivery		