Newton Hall Infants' School Curriculum Grid Cycle B

		Autumn	Spring	Summer
				
Writing	Transcription	Spelling: see National Curriculum Appendix 1		
	Composition	Writing: narrative and non-narrative see National Curriculum Programme of Study		
	VGP	Vocabulary, Grammar and Punctuation: see National Curriculum Appendix 2		
Reading	Word Reading	See National Curriculum Page 10-11		
	Composition	Texts include a range of fiction i.e. myths and legends and stories from other cultures, plays, poetry non-fiction texts and information books plus dictionaries		
Maths		Place Value, Addition and Subtraction, Multiplication and Division, Geometry – Shape, Time, Graphs, Money, Fractions, Length and Height, Weight and Volume, Capacity/Volume/Mass and Temperature and 3-D Shapes		
Science		**Animals Including Humans** Understand about animals and humans, developing their ability to identify, classify and compare living things **Animals Including Humans** understand about animals, including humans, their life cycles and the factors that contribute to healthy living	**Living Things and Their Habitats** understand about living things and their habitats, exploring the differences between living, dead and non-living things	**Plants** understand about different types of plants and how they grow **Plants** explore the basic needs of plants, their life cycles and adaptations for survival
Computing		**Digital Citizenship 2** The knowledge and skills required to navigate the digital world safely and responsibly **Programming 1** To develop children's understanding of basic programming concepts	**Creating Media 1** The skills required to navigate digital painting software and extend their knowledge of art fundamentals **Programming 2** The knowledge and skills required to understand and create algorithms, as well as test and debug simple programs	**Creating Media 2** The knowledge and skills required to format text and images using tools within a word processor **Artificial Intelligence 1** The concepts of machines and artificial intelligence (AI)
History		**Kings, Queens and Castles** Use timelines to strengthen their chronological understanding, engage with historical vocabulary	**Travel and Transport** Develop their historical enquiry skills by exploring the similarities and differences between travel and transport in the past and present	**Titanic** Learn about the significance of the ship and why it is still remembered today

	and ask and answer questions using a variety of evidence		
Geography	**Continents and Oceans** Develop their locational knowledge of the world's seven continents and five oceans, using world maps, atlases and globes	**Contrasting Places in Kenya** Explore similarities and differences between small areas of Kenya and their local area	**Seasides** Explore the physical and human features of seaside environments, identifying their similarities and differences
PSHE / RSE	**Jigsaw** **Being me in my world-** who am I and how do I fit? **Celebrating difference-** Respect for similarity and differences. Anti-bullying and being unique	**Jigsaw** **Dreams and goals-** Aspirations, how to achieve goals and understanding the emotions that go with this. **Healthy me-** Being and keeping safe and healthy	**Jigsaw** **Relationships-** Building positive, healthy relationships. **Changing me-** Coping positively with change.
R.E.	**Why is the Bible special to Christians?** The Bible as the holy book for Christians; belief in God as One, Creator; human responsibility to care for the world; example of St Francis **How and why is light important at Christmas?** Jesus as the 'light of the world'; Advent as a time for waiting and preparing for Christmas	**What can we learn from the story of St Cuthbert?** Stories about St Cuthbert (Christian faith affecting his life; impact of his life on others); Introduction to Durham Cathedral as a place of Christian worship **How do Christians celebrate Easter?** Recap on the Easter story	**What does it mean to belong to Christianity?** Religious identity and belonging as expressed through Baptism; Christian values; examples of how Christian values are shown **How do Buddhists show their beliefs?** Worship in the home (shrine); intro to meditation as Buddhist worship; aids to worship (prayer beads; flags, the wheel); importance of the Sangha (Buddhist community) **What can we learn about our local faith communities?** The diverse religious ad non-religious landscape in the local area (including differing denominations)
Music	Identifying Where Musical Elements Change	Beginning to Compose	Composing and Improvising
P.E.	**Health and Fitness**	**Running and Jumping**	**Dance Fundamentals**

	The importance of both mental and physical wellbeing **Attacking and Defending** To apply fundamental movement skills in gameplay situations **Attacking and Defending** Develop strategic movement, marking, passing, and teamwork skills	Learn about effective running technique (for short and long distance running); how to jump (for height and for distance); as well as different style jumps and the technique for mini hurdles **Striking and Hitting** Fundamental striking and hitting skills, developing eye-hand coordination, balance and control **Gymnastics: Travelling and Jumping** Different variations of jumping, with the primary focus being on performing jumps with control **Running and Jumping** Learn about effective running technique (for short and long distance running); how to jump (for height and for distance); as well as different style jumps and the technique for mini hurdles	Creatively express themselves through movement, interpreting music, rhythm and emotion **Striking and Hitting** Fundamental striking and hitting skills, developing eye-hand coordination, balance and control **Running and Jumping** Begin to develop effective technique for running (short and long distance); how to jump (for height and for distance); as well as different style jumps; earn the technique of how to skip with and without equipment
Art and Design	**Familiar Faces** An introduction to portraiture. Drawing, painting and collage are covered, with a focus on line, shape and colour **Stomp, Swim and Soar** Children will explore clay and papier-mache leading to the creation and decoration of models. The unit also looks at forced perspective and setting choice	**A World in Motion** Transport and movement in art. Six, unique pieces of work including a mixed-media artwork with collage and drawn elements, an expressive seascape painting and a flipbook with charcoal and pastel details **Fabric Bunting** Judge existing products on a simple scale. Use a graphics program to create a simple design. Work with support to cut out a fabric shape. Start to demonstrate how to create a basic stitch.	**Seasonal Salads** Good food hygiene rules and using kitchen equipment to prepare food safely **Pirate Paddy's Packed Lunch** To develop their understanding of structures

		Decorate a piece of fabric.	