# Newton Primary School
## Year 5 Autumn Term Curriculum Plan

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<tr>
<th>English</th>
<th>Maths</th>
<th>Computing</th>
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| All the books we are focusing on this term have a theme of 'Journeys' to match our topic. These books will include:  
- Kensuke's Kingdom by Michael Morpurgo  
- Friend or Foe by Michael Morpurgo  
- The Lion, the Witch and the Wardrobe by C.S Lewis  

Within these books, we will be covering a range of genres from story writing to newspaper reports, diary entries and letter writing, while incorporating key grammar skills, punctuation and spelling throughout. | The children will be covering a range of mathematical concepts in line with the new curriculum. These include:  
- Place Value  
- Mental and written methods for addition and subtraction  
- Mental and written methods for multiplication and division  
- Problem solving  
- Statistics | During their ICT lessons this term, the children will cover two different units:  
The first one, We are architects, will involve the children creating a virtual space using Sketchup (3D modelling software).  
The second one, We are bloggers, involves the children understanding the use of blogs and creating their own as a class.  

Within other subjects, the children will continue to develop their skills using iPads for cross curricular learning. |

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<th>Trips and Visits</th>
<th>RE</th>
<th>PSHE</th>
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<tbody>
<tr>
<td>The children will be visiting Spaceport on Friday 20th October as part of their science work (with a journey on the Mersey Ferry too!)</td>
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- Islam - the life of Muhammad  
- Christian worship  
- angels. | The children will look at two units this term: New beginnings- looking at setting goals for the year and learning how we can all work together to achieve the best possible outcomes.  
Getting On and Falling Out- looking at disagreements and resolving conflict |

### Additional Information

**PE** - Indoor PE will take place on Tuesdays and outdoor games will take place on Wednesdays (this applies to both classes). Please ensure your child has suitable kit in school.
Historian
As a historian I will be learning to:
- Use sources of evidence to find out about the past.
- Select suitable sources of information about the past.
- Understand that no single source of evidence gives the full answer about the past.
- Describe the main changes in a period of history.
- Understand the concepts of continuity and change over time using a timeline.
- Use vocabulary, dates and terms accurately.

Geographer
As a geographer I will be learning to:
- Collect and analyse statistics about locations.
- Use a range of resources to give detailed descriptions and opinions about a location.
- Analyse and give views on different representations of a location—map skills.
- Use eight points of a compass, four figure grid references, symbols and a key to communicate geographically.

Musician
As a musician I will be learning to:
- Sing cover versions, 80s music.
- Find the pulse whilst listening using movement.
- Understand the pulse and its role as the foundation of music, every piece of music has a pulse, a different pulse.
- Build on using correct musical language to suit the style of music learning about.
- Understand that rhythm is long and short sounds that happen over the pulse.
- Reproduce sounds from an increasing aural memory.

Sports Person
As a sports person I will be learning to:
- Create complex sequences that include a full range of movements.
- Hold shapes that are strong and fluent.
- Vary speed, direction, level and body during floor performances.
- Practise and refine techniques used.
- Choose and combine techniques in game situations.

Artist
As an artist I will be learning to:
- Develop and extend ideas from starting points.
- Collect information, sketches and resources and present ideas imaginatively in a sketchbook.
- Use the qualities of materials to enhance ideas.
- Comment on artworks. Sketch lightly before painting.
- Create a colour palette based on own observations.
- Use brush techniques and paint qualities to create texture.
- Develop a personal style of painting based on artists’ ideas.

Designer
As a designer I will be learning to:
- Develop a range of practical skills to create products such as cutting, gluing, and sanding.
- Design with the user in mind, motivated by the service.
- Make products through stages of prototypes and refining.
- Combine elements of design from inspirational designers.
- Show an understanding of the qualities of materials to choose appropriate tools to cut and shape.

Scientist
As a scientist I will be learning to:
- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- Use the idea of the Earth’s rotation to explain day and night and the apparent movement of the Sun across the sky.
- Compare and group together everyday materials on the basis of their properties.
- Know about reversible and irreversible changes.
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials.