Newton Primary School  
Year 5 Spring Term Curriculum Plan

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<tr>
<th>English</th>
<th>Maths</th>
<th>Computing</th>
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| Most of the books we are focusing on this term match our topics. These books will include:  
  - Robin Hood by Michael Morpurgo  
  - The Iron Man by Ted Hughes  
  - The piano (short film)  
  - Harry Potter by J K Rowling  
Within these books, we will be covering a range of genres to include, fiction, non-fiction and poetry. We will also be continuing with our grammar and sentence work and developing this further. | The children will be covering a range of mathematical concepts in line with the new curriculum. These include:  
  - Written methods of addition  
  - Place value of decimals  
  - Written and mental methods of subtraction  
  - Classifying shapes  
  - Multiplication and division problems  
  - Comparing/simplifying fractions  
  - Converting measures & 24hr time | During their ICT lessons the children will continue to learn all about the importance of the internet for research and how to stay safe. They will also complete a unit looking at using spread sheets which will link in to our USA topic. Here the children will learn how to input data onto a spread sheet and use formulae to plan and calculate costs for a trip to America. Children will also create their own photo stories/short movies/trailers using a range of software.  
Within other subjects, the children will continue to develop their skills using iPads for cross curricular learning. |

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<th>Visitor, Trips and Visits</th>
<th>RE</th>
<th>PSHCE/SEAL</th>
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| The children will be visiting Conwy castle as part of their history work. (Letters will go out once the date has been confirmed.) | In RE I will be learning about:  
  Judaism and places of worship.  
  Jesus's teaching and its impact on people. | The children will look at two units this term:  
  **Going for Goals** - looking at setting a range of goals, both academic and personal to try and achieve during the term.  
  **Good to be me** - looking at personalities and what makes different people unique. |

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<th>Additional Information</th>
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<td>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 and brings football boots in for their outdoor lessons this term. 5M will complete their swimming sessions in January.</td>
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### Artist
As an artist I will be learning to:
- Use a variety of techniques to add interesting effects.
- Choose a style of drawing suitable for the work.
- Use lines to represent movement.
- Develop and extend ideas from starting points.
- Collect information, sketches and resources and present ideas imaginatively in a sketchbook.
- Comment on artworks with a fluent grasp of language.
- Spot the potential in unexpected results as work progresses.

### Scientist
As a scientist I will be learning to:
- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.
- Identify the effects of air resistance, water resistance and friction that act between moving surfaces.
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

### Geographer
As a geographer I will be learning to:
- Collect and analyse statistics about locations.
- Identify and describe how physical features affect the human activity within a location.
- Name and locate some of the countries and cities of the world and their identifying physical and human features.
- Name and locate the countries of North and South America and identify their main physical and human features.
- Understand some of the reasons for geographical similarities and differences between countries.

### Musician
As a musician I will be learning to:
- Learn about the history of music - Jazz in its historical context.
- Confidently recognise different instruments.
- Confidently recognise and explore many varied musical styles and traditions and their basic style indicators.
- Continue to develop an understanding of the history and context of music.
- Using the correct musical language, discuss confidently.

### Designer
As a designer I will be learning to:
- 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.
- Ensure products have a high quality finish.
- Use prototypes and computer aided design to show ideas.
- Create innovative designs that improve existing products.
- Understand the importance of correct storage and handling of ingredients.
- Measure accurately and demonstrate baking techniques.

### Sports Person
As a sports person I will be learning to:
- Swim over 100 metres unaided using a range of controlled strokes.
- Compose creative and imaginative dance sequences.
- Perform expressively and hold a precise and strong body posture.
- Perform complex sequences in original and imaginative ways.

### Historian
As a historian I will be learning to:
- Give a broad overview of life in Britain from medieval until the Tudor and Stuart times.
- 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.

### Spring 1: Heroes & Villains
- Heroes & Villains

### Spring 2: Born in the USA
- Born in the USA