



Newhall Primary Academy and Nursery – Half-termly Curriculum Overview

Half Term	Autumn 1	Year Group	5
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English	Mathematics	Science
In English this half term we will be reading Wonder by R. J. Palacio. It is an excellent book with some very important messages and lends itself well to emotive and informative narratives. We will initially be recapping the grammar covered in Year 4 to ensure that the children have retained all their previous learning and building upon it. Within this unit the children will have the opportunity to empathise with different characters, partake in debates and discussions and enjoy acting out some scenes from the story.	This half term in maths we will be looking at the place value of numbers to 1,000,000. They will look at reading and writing these numbers and well as rounding these numbers, comparing them and ordering them. At the end of the half term we will begin to look at the four operations (addition, subtraction, multiplication and division) the children will look at adding and taking 4-digit numbers, checking answers using the inverse and learn a range of different mental strategies. Finally the children will look at prime numbers, square numbers, factors and multiples.	The children will begin the year learning about materials, how to compare and group them according to their properties. Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. Children will be recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs and presenting the findings. Children will be taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.
History	Art & Design	Computing
We are starting the year with history. The first topic is 'Off with her head'. This focuses on the Tudors. We will look at how they came to power, the different monarchs and the changes which took place. Finally we will look at the differences between England then and now.	In art this half term our focus artists are David Hockney and Man Ray. These have been chosen so that the children are able to explore the similarities and differences between digital and analogue art. As part of this topic, we will be exploring photography and how it has changed over time, investigating how multiple photographs can be used to create one large, powerful image.	In computing we are starting off the year by teaching the children all about programming and algorithms. Children will be creating a simple playable game that they can share with their friends. Children will be taught to make good attempts at breaking down tasks into smaller achievable steps and how to create a program which represents a physical system.
Music	PE	PSHE
During this unit all our learning will be focused around the song: Livin' On A Prayer. We will be learning all about pulse, rhythm and pitch. Over the six weeks the children will be singing and playing instruments that are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other classic rock songs.	This half term the children will be focusing on gymnastics. The children will be looking at working in pairs to complete routines including rolls such as forward roll, pencil roll and teddy bear roll. The children will also work on how they travel under benches, each other and use these skills to create a routine. One class will also start off swimming each Monday.	In PSHE this half term the children will be learning about 'Being me', as part of this we will be celebrating the things that make us unique and the good qualities that each individual child has. We will be beginning by exploring our personal challenges, exploring how to overcome these and setting personal goals for ourselves in the future. We will then be exploring rewards and consequences and reflecting on our

		personal choices. Finally, we will be applying this knowledge and looking at the benefits of having a strong community and unpicking how we can actively contribute towards this.
RE	French	Key Information for Half-term
In Religious Education we will be learning about Hinduism, Santanna Dharma. Children will be working towards answering the key question: What is the best way for Sanatani to show commitment to God?	In French we will be looking at animals. By the end of the unit the children will be able to tell you all about the pets in which they do and do not have in both the written and oral form. They will move from 1 st person singular to 3 rd person singular verb usage so they are able to say what the pet is called and use conjunctions more confidently.	PE will be taking place on a Monday and Thursday. Library days: Tuesday (both classes) Cedar Start Swimming: Monday 8th September. Please ensure children bring their swimming kit in.