



Newhall Primary Academy and Nursery – Half-termly Curriculum Overview

Half Term	Autumn 2	Year Group	5
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English	Mathematics	Science
In English this half term we will be reading 'I was a rat' by Phillip Pullman. We will applying our writing skills to a newspaper report, using formal language to report on a past event. Further on we will continue honing our skills while developing character and setting description by using a variety of correctly punctuated sentence types and figurative language.	This half term in maths we will begin by looking at multiplication and division; the children will be exploring the patterns and how to use the inverse to check their answers. Multiplication and division will then be used to support the children in their understanding of fractions. They will be learning about both improper fractions and mixed number fractions whilst learning to add and subtract them.	We will be continuing our explorations of materials and how manufacturing can change the properties of the same materials. We will be investigating how different materials act as conductors, how solutions can be separated and how some changes can be irreversible. Children will be planning and conducting a number of practical investigations to explore this.
Geography	Design & Technology	Computing
This half term we will be teaching geography. The children will be learning about rivers. We will look at rivers in our local area, erosion and deposition and how rivers are used and how settlements are built around them. The children will complete field work looking at streams and rivers in Harlow so they can understand the concepts and see some of the issues first hand.	In design and technology this half term we will be learning about bridges. The children will explore free standing structures and will consider what makes a structure strong and how to reinforce a structure. They will consider different materials and the properties of these materials. With the knowledge they learn, they will construct bridges from wood, using measuring, sawing and joining skills to complete their final structures.	In computing we are starting off the half term by teaching the children about online safety. This is a key element of the computing curriculum to ensure the children are safe online both at home and in school. The children will learn different ways in which they can protect their privacy and what information they should and shouldn't share online. The children will begin to look at spreadsheets.
Music	PE	PSHE
This half term we will be focusing on singing and playing music in different styles from around the world. We will also be thinking about the tempo and how it changes.	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. Cedar class will also start off swimming each Monday until the end of the term.	This half term in PSHE we are looking at celebrating differences. We will look at different children's backgrounds and how we all deserve equal opportunities. Children will learn about different cultures and traditions and identify some of their own. Within this unit we will look at discrimination and equality.

RE	French	Key Information for Half-term
This half term in RE the children will be focusing on Christianity. The children will look at the Christmas story and what It means to them and to others. We will look at different versions of the story and think about if they are 'true' and what 'true' means to different people.	This half term the children will be building on their current knowledge and learning how to say the different months of the year and days of the week. They will be able to say when their birthday is in French by the end of the half term.	PE will be taking place on a Monday and a Wednesday We will be visiting the library on a Tuesday so please ensure that the children have their books in school on that day so that they can swap their books. Homework is marked and spelling tests are carried out on Fridays.