NEWHALL
PRIMARY ACADEMY

Half-termly Curriculum Overview

Half Term	Autumn 2	Year Group	5

English	Mathematics	Science
This term in English, we will be reading *I Was a Rat!* by Philip Pullman and using it as inspiration for our own writing. We will explore the story structure before imitating and creating our own versions, using punctuation we have been practising, including relative clauses and parenthesis. We will also write explanation texts and newspaper reports linked to the novel, as well as enjoy a poetry unit where we will read, explore and create our own poems.	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.	This half term we will be learning about Space. We will find out how ideas about our solar system have changed over time. We will learn about the eight planets in our solar system, our moon and how everything moves in relation to the sun. We will use models to represent ideas and to help understand how we have days, months, years and seasons.
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.	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.	This term in computing, we will be using Purple Mash to explore what makes a successful quiz. We will investigate different question types, evaluate existing quizzes and think carefully about effective design. Using these skills, we will plan and create our own engaging quizzes for others to enjoy.
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 Tuesday 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 Tuesday and a Friday. We will be visiting the library on Wednesdays so please ensure that the children have their books in school on that day so that they can swap their books. Homework is set on Fridays and marked on Wednesdays.