



## Newhall Primary Academy and Nursery – Half-termly Curriculum Overview

|           |          |            |   |
|-----------|----------|------------|---|
| Half Term | Autumn 2 | Year Group | 5 |
|-----------|----------|------------|---|

| English  | Mathematics   | Science   |
|--|---|---|
| <p>In English this half term we will be reading Kensuke's Kingdom by Michael Morpurgo.</p> <p>Throughout the half term the children create 3 pieces of writing. We will write a character description. We will write a narrative exploring one of the key themes of the text. The children will also become writers for the 'Harlow Times' writing newspaper reports.</p> <p>The grammatical elements the children will be looking at including commas for clarity, using suffixes, correctly writing speech and bullet points. Finally, the children will look at modal verbs and converting nouns and adjectives into verbs through the use of suffixes.</p> | <p>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.</p> <p>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.</p>                         | <p>In science we are going to be exploring forces this half term. The children will be able to explain why unsupported objects fall towards the Earth, identify the effects of air resistance, water resistance and friction and recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p> <p>During this topic the children will be carrying out their own investigations and recording their results focusing on ensuring that they carry out a fair test.</p> |
| Geography  | Design & Technology   | Computing   |
| <p>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.</p>  | <p>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.</p> | <p>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.</p>   |
| Music  | PE  | PSHE  |
| <p>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.</p>   | <p>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.</p> <p>Cedar class will also start off swimming each Monday until the end of the term.</p>                                 | <p>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.</p>   |

| RE  | French   | Key Information for Half-term  |
|---|--|--|
| <p>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.</p> | <p>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.</p> | <p>PE will be taking place on a Monday and a Thursday (Birch class only).</p> <p>We will be visiting the library on a Monday so please ensure that the children have their books in school on that day so that they can swap their books.</p> <p>Homework is marked and spelling tests are carried out on Fridays.</p> |