Maths

Key Instant Recall Facts: counting forwards and backwards within 50 (year 1) 100 (year 2) starting at any number. Say one more/one less than a number within 50 (year 1) and 10 more/10 less than a number within 100 (year 2).
Place Value: Year 1 children will extend their knowledge of numbers to numbers within 50, learning to represent numbers in many ways. They will count forwards and backwards within 50 and find one more and one less than numbers. They will continue to order numbers and will use the <, > and = signs to compare numbers.

Multiplication: Children will begin counting in 2s, 5s and 10s and year 2 children will also count in 3s. They will become familiar with the language of 'groups of' to understand multiplication. They will know that groups must be equal and will use a range of concrete and pictorial resources to make equal groups. They will then see multiplication as adding equal groups and the Year 2 children will extend this knowledge to the use of the multiplication symbol and times table facts.

to the use of the multiplication symbol and times table facts. **Division:** Children will apply their knowledge of equal groups to understand that division can be carried out through sharing or grouping. Children will use a range of concrete and pictorial representations to solve division problems through sharing or grouping. The Year 2 children will then begin to use the division symbol and times table facts.

Science

Chemistry: Everyday Materials

This term, the pupils will be exploring a range of different everyday materials, linked to their topic of communication. They will learn the names of many different materials, including wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool and clay. They will also explore the properties of these materials, to understand why objects are made of the material they are. They will develop the scientific language around physical properties, including hard/soft; stretchy/stiff; shiny/dull; rough/smooth; bendy/not bendy; waterproof/not waterproof; absorbent/not absorbent; opaque (not see through), translucent /transparent (see through) and breaks/ tears. They will also begin to explore the suitability of materials and understand that some materials are better suited for different purposes. The children will carry out a simple scientific test to explore the suitability of materials in order to make a cup and string phone. They will apply their knowledge of the different properties of materials and of the requirements of phones from our history of communication unit to produce the most suitable cup and string phone.

RE

Focus: Explore who is a Muslim and how they live. The children will begin to explore what is important to them and then begin to understand who and what is important to Muslims including Muhammed.

Literacy

Key Text: The Jolly Postman by Allan Ahlberg *Purpose for writing:* Story (To entertain)

Writing: Children will explore the features of a story and learn about a beginning, middle and end. They will explore vocabulary from the model text and show an understanding of new and exciting words. They will continue to focus on using conjunctions to extend their sentences and understand why we use certain conjunctions – for example, we will focus on using but to introduce a problem. They will embed correctly punctuating a sentence and for some children, using capital letters and full stops consistently. Children will then use these

skills to write their own story about a miserable postman. **Grammar:** Children will embed their knowledge of different word classes (nouns, verbs and adjectives, adverbs). They will focus on punctuating a sentence correctly (finger spaces, capital letters, full stops, comma in a list. They will also focus on writing in the

past tense and we will look at regular and irregular verbs. Word reading/Comprehension: The children will focus on retelling a text. They will also explore the meaning of new words.

History

Focus: Communication old and new

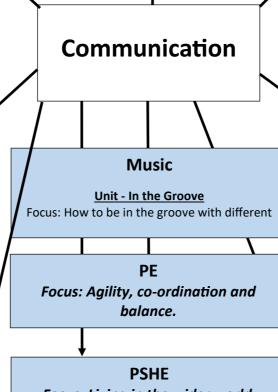
The children will understand that we can communicate in different ways with people who are near and far. They will develop an understanding of how forms of communication have changed over time, with particular reference to the use of phones and letters. They will explore the similarities and differences between telephones when they were first invented, when they became mobile phones and present day phones. They will also explore the use of letters over time and situations where emails may be used in place of letters. Finally, the children will compare the efficiency of these forms of communication and pre-

sent their findings.

DT

Focus: Textiles- Puppet

Children will design their own puppets and explore different ways to fasten materials. They will then make their puppet and evaluate their creation. Did they choose the best way to fasten the materials? Did their design go to plan?



Focus: Living in the wider world. The children will explore : What can we do with money? How can we look after each other and the world? They will also look at having a positive attitude.

Spring 1

Year 1/2

Computing

Focus: Creating Pictures & Spreadsheets