



# Year 1 Spring Term Curriculum Map (First Half)



## MATHS

Children will be introduced to the structures of addition and subtraction through the use of number stories e.g. first, next, then. They will be introduced to the symbols that represent addition and subtraction and learn how to represent these in an equation. They will explore that addition is commutative and begin to know and understand that addition and subtraction are inverse operations.

**Key Vocabulary:** Sum, plus, minus, addend, commutative, equal, equation, odd, even, addition, subtraction, inverse, subtrahend, minuend.

## ENGLISH

Children will explore how an author uses words & repeated phrases to tell a story by reading different stories created by Julia Donaldson. They will begin to group sentences to create a short story (narrative) & learn how to use 'and' to link ideas within a sentence. Children will continue to learn how to use question marks, exclamation marks & other types of punctuation in their writing. They will review then edit their own sentences to ensure they include noun/s, a verb and make sense. We will be using the texts 'Room on the Broom', 'Zog' and 'What the Ladybird heard' to support children's writing.

**Key Vocabulary:** multi-clause sentence, noun, subject, verb, conjunction, word, finger space, capital letter, punctuation, full stop, inverted comma, , , exclamation mark, question mark.

## PSHE

The children will explore what being safe online means. They will begin to understand that information is precious or special because it applies just to them and that this private information should not be shared. The children will develop their thinking about how they want themselves to be seen online. They will learn how to publish and evaluate the safety of their online profile. The children will learn: how to evaluate what they see online; strategies to keep themselves safe; what to do if they access material which is inappropriate, or makes them feel uncomfortable.

**Key Vocabulary:** identify, private, evaluate, profile, real life, online, uncomfortable, safety.

## PE

**Gymnastics:** The children will learn how to balance (standing straddle, front & back support), jump, travel, roll (barrel and straight) & create shapes (tuck, straddle, pike). They will begin to understand how to manage risk.

**Invasion Games:** The children will learn how to find a space & dodge. They will further develop their ability to throw & catch. The children will learn to kick and dribble a ball (both hands & feet) with control & accuracy.

**Key Vocabulary:** agility, balance, risk, tuck, straddle, pike, front & back support, stretch, barrel/straight/forwards roll invasion dodge space dribble accuracy control.

## SCIENCE

The children will identify & name a variety of everyday materials. They will learn to describe the simple physical properties of these materials including if they are 'man-made' or 'natural'. The children will use their knowledge to compare & group everyday materials on the basis of their simple physical properties.

**Key Vocabulary:** material object plastic glass metal wood water rock brick paper fabric elastic foil card/cardboard rubber wool clay, hard, soft, stretchy stiff bendy floppy waterproof absorbent breaks/tears, rough smooth shiny dull see through, not see through, man-made natural property.

## GEOGRAPHY

The children will understand that their local area is a small part of Coalville and that the town is a small part of England, which is one of the four countries that make up the UK. They will learn where England, Scotland, Wales and Northern Ireland are located on a map. The children will begin to understand why capital cities are special and what human & physical features make London, Edinburgh, Cardiff and Belfast different to other cities or towns like Coalville. They will begin to observe the daily weather patterns in the local area and identify seasonal weather patterns in the UK.

**Key Vocabulary:** country capital city daily seasonal England Scotland Wales Northern Ireland London Edinburgh Cardiff Belfast.

## COMPUTING

**Programming:** The children will learn how to input a sequence of instructions to move a robot around a space to reach a specific location. They will share their understanding of what instructions are needed by representing each command to make an algorithm. The children will use their problem-solving skills to explore how to debug their instructions when the robot doesn't reach the desired location. They will use this knowledge to design a maze and navigate a partner's maze by predicting which route is needed then using a sequence of instructions.

**Key Vocabulary:** robot instruction command sequence program algorithm debug error predict design location right/left turn for/backward go execute

## Design Technology

Children will explore different types of structures in their everyday environment and consider what makes them strong. They will be introduced to 'free standing structures' and learn how to make these structures stronger, stiffer and more stable. The children will build their own structures using different materials and techniques. They will use these experiences and knowledge to design then make a structure which meets a design brief – to create a chair for baby bear.

**Key Vocabulary:** structure, framework, weak, strong, base, cut, fold, join, fix, design, make, evaluate, user, purpose, design criteria, product, function.

## PHONICS

Children will learn to recognise & read words containing: **y** (funny), **ea** (head), **wh** (wheel), **oe ou** (toe, shoulder), **y** (fly), **ow** (snow), **g** (giant), **ph** (phone), **c** (ice), **ve** (give), **le al** (apple, metal), **o-e o ou** (some, mother, young), **se ce** (mouse fence), **ey** (donkey).

**Key Vocabulary:** digraphs (two letters one sound), tri-graphs (three letters one sound), blend, chunk,

## RE

Over the next term the children will explore what Jewish people believe & what difference this makes to how they live. They will find out about Jewish beliefs about God as expressed in the Shema (prayer) & the special times that many Jewish families celebrate (Shabbat). They will learn to recognise special objects that can be found in many Jewish homes & begin to understand why they are meaningful. The children will answer questions about what is precious & how objects or celebrations help Jews remember what God is like.

**Key Vocabulary:** precious, meaningful, Jewish, mezuzah, challah, goblet, seder plate, star of David, menorah, kippah, Shema, Shabbat, Chaddah.

## MUSIC

The children will perform songs and chants about the weather adding actions and percussive accompaniments. They will learn how to control and change dynamics as well as tempo. The children will explore the sounds created by different instruments and use this knowledge to select which instrument they need to create different sound effects. They will learn how to match sounds to symbols and read from simple graphic scores.

**Key Vocabulary:** dynamics, tempo, sound effect, symbol, score.

## SPELLING

Children will learn to spell these words during phonics sessions: **any, many, again, who, whole, where, two, school, call, different, thought, through, friend, work.**

**Key Vocabulary:** word, segment, pattern