Year 2 – Spring 1

English - Reading

Reading is an invaluable part of your child's education and is key to learning in all subjects across the curriculum. We aim to develop our children into confident and fluent readers, and to broaden their vocabulary, by exposing them to a rich diet of high-quality texts from a range of different genres. Reading is taught in Key Stage One through the Read Write Inc. (RWI) phonics scheme. Pupils access daily phonics lessons which are targeted at pupils' individual stage of reading development. Pupils learn how to segment, and blend sounds to read words. One pupils have completed the programme, they continue to develop their fluency knowledge and skills through a wide range of genres, including fiction, non-fiction and poetry.

Pupils also develop core reading skills through the range of texts they read:
➢ Vocabulary
➢ Retrieval
➢ Inference
➢ Prediction
➢ Summary
➢ Authorial intent

This half term's texts are *There's a Rang-Tan in my Bedroom, The Rainbow Bear, A Sweetcorn Salad, Spider Sandwiches and Meet the Oceans.*

English - Writing

Pupils write texts using this half term's texts as a stimulus through our NELT Key Stage 1 Teaching and Learning Cycle. They will learn key grammar and punctuation knowledge within writing lessons which they will use within their writing.

Instructions: Write instructions about something they know well – how to make a healthy snack *(Spider Sandwiches)*

Narrative: Tell a first-person story about a personal experience with a clear beginning, middle and end - titled *My Magical Day at School*. Recount: Write a first-hand account, about a first-hand experience. (*There's a Rang-Tan in my Bedroom*)

Instructions: Write instructions about something they know well *(Sweetcorn Salad)*

Maths

The NELT chosen scheme of learning is Maths No Problem. This half term, pupils learn:

Measurement (Length): In this chapter pupils will get a better understanding of how to measure length. They will begin by understanding what a metre is and what centimetres are and then progress to using them in real-life contexts.

Measurement (Mass): In this chapter, pupils will be learning about mass in the context of kilograms and grams. They will learn how to read a scale, to compare the weight of different objects and to solve word problems relating to mass.

Measurement (Temperature): In this chapter, pupils will gain experience in measuring temperature. They will learn about Celsius, how to read thermometers to help them understand, and they will look at the different kinds of temperatures we can measure.

Statistics (Pictograms): In this chapter, pupils will learn how to read, interpret, analyse and construct their own picture graphs with confidence.

Calculations (More Word Problems): In this chapter, pupils will be looking at using addition and subtraction to help them solve word problems. Initially, pupils will be looking at when addition and subtraction are most appropriate, teaching them decision making. The bar model method emphasis in this chapter focuses on modelling two different amounts by recognising what is the same about the two amounts (two equal bars) plus the difference (the greater amount). This is important for later constructions involving more complex problems.

Science
Everyday Materials: This unit consolidates learning about their understanding that one object can be made from different materials. During the unit, children will also think about the suitability of materials chosen and how the properties of materials links closely to their choice. They will investigate and test materials fit for purpose using their results to choose the best one for the job using scientific language to explain why.

Geography
Our Wonderful World: This unit introduces children to the equator, poles, oceans and seas. It also introduces the concept of environmental geography.

Art and Design
Moving Monsters: Children will investigate different mechanisms within toys to design and make their own moving monster. Children will then present and evaluate their product, reflecting on how they can make it better.

Computing
Programming A – Robot Algorithms
This unit develops learners' understanding of instructions in sequences and the use of logical reasoning to predict outcomes. Learners will use given commands in different orders to investigate how the order affects the outcome. They will also learn about design in programming. They will develop artwork and test it for use in a program. They will design algorithms and then test those algorithms as programs and debug them.

Music
I wanna play in a band: I Wanna Play In A Band is a Rock song written especially for children. In this song you learn about singing and playing together in an ensemble.

As well as learning to sing, play, improvise and compose with this song, children will listen and appraise classic Rock songs.

PSHE
Dreams and Goals: In this Puzzle (unit), the children explore setting realistic goals and how they can achieve them. They discuss perseverance when they find things difficult as well as recognising their strengths as a learner. The children consider group work and reflect on with whom they work well and with whom they don't. They also reflect on sharing success with other people.

Religious Education (R.E.)
Christianity: Learn about the concept of 'Gospel' and the good news of forgiveness, peace and love that Christians believe Jesus brings. Consider whether Jesus' good news is also for people from different worldviews to consider.

Physical Education (P.E.)
Gymnastics: In this unit pupils will learn, explore and develop basic gymnastics actions on the floor and using apparatus. They develop gymnastics skills of jumping, rolling, balancing and travelling in individually and in combination to create short sequences and movement phrases.

Yoga: Pupils will learn about mindfulness and body awareness. They being to learn poses and techniques that will help them to connect to their mind and body. This unit looks to improve well being by building strength, flexibility, coordination and balance.