

# Winter in a cold climate, Castles, Kings & Queens.

## Mathematics

Through practical activities such as stories, songs, games and imitative play we will be reading, recognising, ordering, writing and using numbers; to 10. The children will be exploring number bonds and will be reciting numbers forwards and backwards in ones. We will explore number patterns, odd and even numbers, partitioning numbers and place value as well as addition, subtraction, sharing, doubling and halving amounts and numbers. We shall use Numicon maths equipment to do this. We continue to use estimation in a daily basis and encourage the children to expand their understanding and use of mathematical language to explain and interpret problems and clarify their thinking. The Pipits shall also reading, writing and solving calculations using  $-$ ,  $+$  and  $=$  using various mathematical equipment and strategies they have learnt. They will also be expected to develop their problem solving and mathematical reasoning skills across all areas of maths.

We provide opportunities for the children to become more familiar naming and talking about the properties of many 2-D and 3-D shapes whilst experimenting with construction and model making equipment. They shall be investigating shapes within shapes and repeating patterns. We shall be investigating capacity, weight, height and measure through practical activities linked to our topics. Time is focused on in relation to the children's days of the week; and exploring the passage of time via days of the week, seasons ...

The Nursery and Reception children continue to will join in activities to help them to differentiate between numbers and compare them as well as practice counting, grouping and sorting various objects and arrays.

## Personal, Social and Emotional Development

The children will be encouraged to show more independence to choose their own activities and resources.

They will be expected to begin to play with other children co-operatively. Children will be encouraged and given the opportunity to share their ideas and take turns in conversations and joint projects with their peers. They will be supported to find their own solutions to problems and negotiate with their friends.

They will also be expected to develop their emotional language, name and recognise feelings of their own and others. They will encouraged to develop and use strategies to regulate their own behaviour.

Nursery children will learn the Golden rules and the routines of their new class and be encouraged and supported to follow them by the adults and their new friends in the class.

## Communication, Language Literacy - Reading and Writing

The Reception children are supported to develop letter sound recognition, and to form letters correctly using a tripod pencil grip. Children will be encouraged to use their phonic skills to help the teacher/themselves to write words and to read what has been written. They will be expected to use a capital letter for names of places and people and for the beginning of a sentence and a full stop. They will also be taught to read and write exception words such as 'the', 'we,' and 'I' and encouraged to use them in their own writing. During phonics/Read Write Inc., we shall we exploring set 2 sounds e.g., 'ee, 'ay,' and 'ar...'

During this and the next term the children will continue to have fun with fiction enjoying a range of story books, poems, nursery rhymes, audio and e stories. We will continue to look at storybook language, authors, illustrators, characters, settings and events. We will encourage the children to discuss not only what is happening but why; retell and re-enact stories, recounting the main points of the story. They will begin to accurately predict events and words in texts. They will be encouraged to explain and justify their thoughts regarding stories... We will continue to encourage the children to use talk to initiate conversation and listen, taking their friends views into account. They will be encouraged to speak in front of others and listen to their friends and adults in a variety of contexts e.g., assemblies...

Non Fiction/non narrative texts will also we explored.

Nursery children will be following a phonics program called Letters and Sounds to develop their phonological awareness. They will also begin to learn the sounds of the letters in their name and begin to learn how to form them letter correctly when writing their name.

## Expressive Arts and Design Charanga Music

The children will be learning to sing a number of songs and rhymes and accompany them with actions. The songs will be linked to the topic of *Winter*, Reception children will focus on patterns, the beat and music appreciation. They will begin to differences and the texture of sounds in music, linking with Knowledge of the World.

They will develop their understanding and skills

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## Understanding the World Expressive Arts & Design

We will celebrate each other's birthdays and gain an appreciation and understanding of how families celebrate birthdays and also why our birthdays are special.

We will also be participating in the Celebration of the Chinese New Year and help the children to develop an understanding of events such as Easter and the ways in which they might mark them.

Together we will focus on winter in Allendale and compare it to another place which experiences a cold winter. We shall compare and contrast the weather, animals and environment of these places as well as explore how and why animals adapt to their environments.

We will focus on change especially in relation to water and explore what happens to it when it is cooled and freezes. We will explore how we can prohibit this change via salt and heat. We will verbally predict what we think will happen and record what we have observed through drawings, photos and simple phrases. The Pipits will use their senses to explore, name, talk about and sort various materials.

They will select various materials and use them to make simple collages and pictures. Through Outdoor Learning the children will be learn about how some animals survive the cold winter.

The Pipits will also explore the life and times of living as a king or queen ... through our topic castles and explore this theme via all areas of learning.

The children will continue to use the classroom I pad, PC and inter active white board to and access programs and listen to audio stories.

They will also understand how to use and retrieve information from a search engine. The children will continue to learn to use various telephones and keyboards in the role play areas of the classroom.

The children will be expected to express themselves using a variety of tools and techniques and resources. They will explore, investigate and experiment with materials through, modelling, cutting, painting, collage and drawing. We explore the elements of shape, space and patterns in nature. The children will also be given the opportunity to create pictures to represent images of interest.

### Physical Development

The children will focus on modelling dough etc. They will be given the opportunity to practise threading beads, lacing, and manipulating construction toys. They will also be given the opportunity to move with imagination and control through dance and gymnastic activities linked to the stories based on our topic.

'Yoga Bugs' will also feature especially with regard to learning breathing exercises to aid relaxation and achieve a sense of calm

The children will begin to work co-operatively with a partner and begin to comment on their own and each other's performances. They will perform a dance in our annual dance festival later in this term.

**The Pipits will continue to learn ball skills and to control a ball with their feet through games and fun activities.**