

## Reception Medium Term Plan

Autumn 2 2021

Animal Adaption

Winter Wonder

Outdoor learning opportunities

Sustained Shared Thinking

Key vocabulary



### Mathematics

#### WRM and Mastering Number

- develop understanding of number bonds to 5 and begin to identify the composition of 6-9
- Compare numbers within 10 in a variety of contexts (for example: comparing quantities of birds seed, when making tally charts, bar charts, taking and recording daily temperature and the use of five and ten frames)
- Demonstrate confidence when comparing amounts using the language more than, fewer than
- Understand the concept of zero and use this within independent counting within provision
- Consolidate number formation to 5 and begin to form numbers to 10
- Understand the composition of numbers to 5 in greater depth and begin to subitise greater amounts through the use of 'sub groups'
- Representing amounts using different methods including using one hand 'all at once'
- Count forwards and backwards within 20 and beyond for those who identify the number patterns
- Begin to partition numbers into two groups using the part, part whole model
- Explore and label items in the classroom using the language of capacity
- Comparing objects according to mass and weight, length and height
- Begin to count objects in pairs noticing the concept of odd and even amounts
- Consider time in the Reception classroom context
- **one less, zero, making 5, comparing, more than, less than, fewer than, the same, equal groups, unequal groups, altogether, making numbers, mass, weigh, capacity, heavier than, lighter than, full, empty, half empty, tall, thin, narrow, wide, shallow, fair, odd, even, pairs, part, whole, time, six, seven, eight, nine**

### Physical Development

- Take responsibility and manage own personal needs
- Continue to Dress & undress independently for the outdoors.
- Manipulate different textures and materials to make bird Feeders/explore ice.
- Confidently select and use large and small equipment to create role play scenarios inside and Outside.
- Move to music inspired by topic exploration, swirling snowflakes, migrating birds and march of the penguins.
- Accurately use the tripod grip when mark making.
- Use different apparatus safely when engaging in gross and fine motor activities.
- Develop scissor accuracy whilst creating snowflakes.
- Utilise different joining techniques when creating junk model or construction creations.
- Demonstrate control when writing through correct letter orientation and letter size.
- Use a range of gross motor skills, with increasing confidence to create sequences of movement, including different ways of travelling and balancing.
- **Balance, travelling, movement, sequences, construct, techniques**

### Personal, Emotional & Social Development

- Freely initiate and participate in conversations with adults and peers within the classroom
- As part of class and small group discussions, begin to develop and offer opinions (**as part of enquiry led work**)
- Develop ability to clarify by asking questions (model in whole class work and reward when heard during children's own free play)
- Begin to resolve own minor conflicts through discussion and Compromise
- Continue to share fairly and follow rules and routines to keep everyone safe (including those related to COVID19)
- Continue to come to school happily and maintain well-being within the class environment
- Engage with indoor and outdoor provision independently
- Develop the use of plan, do, review in each area of provision, sharing ideas and adaptations with other children.
- Stay motivated and keep trying through difficult challenges.
- Begin to set goals.
- Keeping safe during icy weather
- **Challenge, motivation/motivated, perseverance, resilience, goals, dreams, safety, adapt, plan, do, review, clarify**

### Communication & Language

- Develop and explore vocabulary of winter, garden birds and imaginative vocabulary related to stories read as a class
- Follow instructions to carry out tasks (eg. When making bird feeders when recording the weather)
- Follow and engage with class reading book, Drawing Club, Babblejab and using the story bags independently.
- Listen to and join in with class discussions relating to topic work and children's own interests
- Engage in imaginative play which encourages use of and extends vocabulary relating to winter, birds and other current fascinations
- Engage in play which offers opportunity for development of stories and narratives (inspired by topic led literature and children's developing interests across the half term)
- Develop ability to clarify and explain thinking by answering how and why questions
- Join in with classroom discussions about memories of winters in the past and collate a pictogram to demonstrate favourite memories.
- **What would we need to include in our suitcase to go on a winter adventure? Which item is most important? Why?**
- **Memories, past, why, how, explain, describe, instructions, record**

### Literacy

- Enjoy a range of related stories, rhymes, poems and Information books
- Re-tell and explore stories they have heard verbally and in writing/mark making through story maps, pictures with captions and labels, small world and role play
  - Use developing phonic knowledge to read and write words and short sentences from Dittys and other forms of print
  - Continue to build and use imaginative/story related language as well as technical/informative language
- Write own name independently and extend to surname for those able to
- Write for a range of purposes (stories, instructions, information)
- Retrieve information from print for a purpose (winter topic books, internet research)
- Begin to learn letter names and match these with the corresponding sound
- Continue to develop rhyming skills through games and play
- Use set 1 sounds to make CVC words (extend to sentences)
- **Captions, labels, sentence, full stop, Capital letters, instructions**

### Expressive Arts and Designs

- Create winter paintings and collages – using a range of winter Cold Colours experimenting with colour mixing.
- Plan and build our own ice palaces using junk modelling and Joining techniques.
- **Sorting cold and warm colours - how do they make us feel, which colours are cold and which are warm? why?**
- Create winter songs and rhymes exploring a range of different instruments.
- Engage with Charanga music curriculum – listening and appraising music from around the world.
- Produce snowflakes, transient art and other winter inspired Creations
- Utilise the skill of weaving to explore the cold colours of the different regions we are exploring.
- Use ICT to create a winter picture on 2simple to consolidate all learning about the season winter in response to Kandinsky's winter landscape
- Produce bird seed food and create a recording area and bird hide to observe the birds we see in Pear class garden.
- Create role play around our own weather station (indoor and Outside) and collate our findings about changes in temperature, rain fall and weather conditions.
- Continue to develop our line drawing skills and refine our motor control when engaging in character representation during Drawing Club
- Weaving, cold colours, snowflakes, ice palaces, pitch, dynamics, tempo, Kandinsky, spiky, line, represent

### Class Theme Related Literature

Ten little lights  
The Magic Sky  
Lucky Duck  
Bird House  
The Secrets of winter  
Tree: Seasons Come, Seasons Go  
The Magic Snow Garden

### Drawing club related Literature

The Ugly Duckling  
Snow White and the Seven Dwarves  
The Snow Queen  
Hansel and Gretel  
The Snowflake Mistake

### Enrichment Activities

Bird hunt  
Winter Walk  
Internet Safety Day  
Making bird cakes  
Ice melting experiment

### Child-Led Topics and Activities

Other topics and activities may be used in response to children's interests. All adult-led topics may be adapted or removed depending on the responses of the children.

### Mastering the Curriculum

Core Mathematical and Communication and Language skills will be central to all adult led activities and adult intervention within child initiated exploration and play.

### In Reception we are Ready to Learn as...

Confident Communicators  
Independent Individuals  
Fantastic Friends  
Amazing Athletes  
Talented Tool Users  
Brilliant Bookworms  
Wow Writers  
Masters of Maths  
Exceptional Explorers  
Compassionate Citizens  
Dynamic Designers  
Proud Performers

### Understanding the World

- Explore, observe and record changes in the weather and season, looking for signs of change in the environment on winter hunts observing frost, ice and snow. Collect and sort materials during hunts and use these to explore and investigate.
- Compare pictures of the season in the past (Autumn), the present (winter) and sort appropriate clothing for the winter season
- Investigate different winter memories from children's pasts and compare pictures of pictures of winters from a long time ago in Alnwick.
- Explore the birds/animals in this country / around the world and compare the similarities and differences.
- Feed and water birds in Pear class garden understanding the importance of helping and caring for wild animals during the winter months.
- Explore and investigate changes in materials in response to changes that can be observed in this season – melting and freezing.
- Consider animals who live in habitats that are cold all year round Antarctica and the Arctic and how these animals from cold places insulate to stay warm.
- Experiment with different materials to consider which is the best material to retain heat.
- **Why is the penguin black and the polar Bear White?**
- Freezing, seasons, insulate, environment, materials, globe, winter, ice, melting, observe, similarities, differences, adapt, temperatures, past, record, weather, changes, habitat, frost, ice, snow, Polar Bears, Penguins, Robin, Blackbird, starling, berries, nest, wings, fat, heat, wings, fur,

### Class Theme related Songs and Rhymes

Five current buns in a baker shop  
Five Little Speckled Frogs  
Five little ducks  
Five little snowmen  
On a cold and frosty morning  
In the winter  
Snowflakes, snowflakes falling down  
Penguin song