

Where Does Snow Go? – Nursery Spring 1

Overview:

Why does snow melt? How can we keep warm? Explore these questions and more in this project about winter.

Possible lines of enquiry include:

- cold weather
- snow and ice
- melting and freezing
- keeping warm

Engage: Children visit conservation area and look for signs of Winter

Events: Exploring ice – how it is formed and what happens when they hold it in their hands

Express: End of Topic – Children sing to parents and show them around our 'class gallery'

UTW: Under Standing the World
CL: Communication and language
PD: Physical development
EAD: Expressive Art and Design
PSED: Personal, Social, Emotional Development

We are...Scientists. CL, PSED, UTW:

Key Skills and Knowledge:

- Seasonal Changes, Days of the Week
- Manipulates materials to achieve a planned effect. Snow: Melting, solid, liquid
- Make/Explain/Discuss observations of animals/plants including similarities/ differences
- To use songs and rhymes to help develop understanding of loud, quite, soft, quite etc.

Key Vocabulary: melt, hotter, colder, soft, liquid, wet, dry, freeze, winter

We are... Athletes, Physical Development:

Key Skills and Knowledge: Gymnastics & Fundamentals

- Physical:** shapes, balances, jumps, rocking, rolling, travelling, running, changing direction, hopping
- Social:** taking turns, co-operation, communication, responsibility, working safely
- Emotional:** confidence, determination, honesty, challenging self
- Thinking:** selecting and applying skills, creating sequences, decision making, using tactics

Key Vocabulary: balance, muscle, body parts, direction, narrow, wide

We are... Authors and Readers (literacy):

Key Skills and Knowledge: Fill in the missing word or phrase in a known rhyme, story or game, 'chin tap' the syllables in words.

Key Vocabulary: rhyme, initial sound, alphabet, syllables

Montessori Literacy: sandpaper letters for tracing

Storybooks: **Penguin's Hidden Talent** by Alex Latimer, **Say Hello To the Snowy Animals** by Ian Whybrow, **One Day On Our Blue Planet** by Ella Bailey, **Where Is Home, Little Pip** by Karma Wilson, **Be Brave Little Penguin** by Giles Andreae and **Pip and Posy and The Snowy Day** by Axel Scheffler.

We are...Understanding the World (Geog):

Key Skills and Knowledge:

- I can use my senses to explore.
- I can talk about what I see.
- I can explore how things work.
- I can talk about what I see.
- I know there are different countries in the world.
- I can talk about the differences I have seen.

Key Vocabulary: Spring, Summer, Autumn, Winter, Seasons, Cold, ice, rain, snow, Conservation area, trees, mud, leaves, birds, squirrels, pond, wellies, North & South Pole, Penguin, Polar Bear, Seal, Reindeer, Eskimo, Ice, Igloo

We are... mathematicians:

Key Skills and Knowledge:

- I can develop number recognition to 10
- I can begin matching to oral quantities as we count (cardinal numbers)
- I can begin to recognise 2D shapes- rectangle, oval, diamond

Montessori Maths – taught through the year: Sandpaper numbers, ordering sandpaper numbers, Number rods with/without number cards, small number rods, spindles, cards and counters, odd and even numbers with cards and counters, introduction to place value and teen numbers.

Key Vocabulary:

Numbers 1-10, shapes, oval, diamond, ordering, teen numbers, square, rectangle, triangle, circle, odd, even, teen.

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We are... Theologians: Understanding the World (RE): Chinese New Year

Key Skills and Knowledge:

- Articulate why we have rules.
- Explain how we care for each other and our environment.
- Say how I can make good choices at home and at school.
- Make a Chinese Lantern to begin to understand Chinese New Year.

Key Vocabulary:

- Right, Wrong, Fair, Chinese New Year, Lantern

We are... Coders (Computing): Key Skills and

Knowledge: The skills are not bound within one term but have been laid out separately so the range of skills across Nursery and Reception

- I can talk about what photos show.
- I can take photos using a digital device.
- I can use the webcam in Mini Mash.
- I can open photos in Purple Mash.
- I can open photos that I have taken, in Purple Mash.

Key Vocabulary: Information, Programme, Computers, Software, Turn on/off, Technology, Louder, Quieter

We are... Expressing Design (DT):

Key Skills and Knowledge:

Plastic bottle snowmen

- I can join different materials and explore different textures with support.

Key Vocabulary:

Join, texture, plastic

We are... A Community (PSHE):

Key Skills and Knowledge:

- To explain what they should do if they feel unsafe.
- To recognise potential dangers and how to stay safe, inside and outside. Including medicines and unknown products.

Key Vocabulary:

- who can help?, safety signs, careful, grown up, weather, labels, tell, clothing, medicines, tummy, feelings, playground, cleaning products, unsafe, car-park, water, pavement, food, paint, fresh air, scissors, sleep and glue

We are... Expressing Art and Design:

Key Skills and Knowledge:

Shape:

- I can begin to use simple shapes in artwork.

Colour

- I can explore and experiment with colour using ice cubes.

Key Vocabulary:

Explore, colour, shape, heart

We are... Musicians: Key Skills and Knowledge:

- **CL:** Paying attention, develop vocabulary and sing a large repertoire of song
- **PD:** Use large muscle movement in time to music in sequences and patterns
- **Maths:** create repeating patterns
- **EAD:** call and respond, match pitch, sing melodies, create/improvise own songs, play instruments to share feelings

Key Vocabulary: Song, singing, Nursery-rhyme, Beat, Perform, Dance