

Are we there yet? – Reception – 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

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

This term we will explore the: Vehicles & transport, Parts of a car, Parts of a plane, Floating & sinking, Signs of Winter, Road safety

Key Skills and Knowledge by the end of the year:

- Make comments about what they have heard and ask questions to clarify their understanding.
- Explore the world around them, making observations and drawing pictures of animals and plants.
- Know some similarities and differences.
- Understand some important processes and changes in the natural world around them, including the seasons

key Vocabulary: Material, metal, Wood, rock, Plastic, hard, Glass, soft, Paper, fabric, smooth, Shiny, rough, day, Spring, dark, light, Winter, night, Season, Loud, quiet, volume, sound

We are... Athletes, Physical Development:

Key Skills and Knowledge: Fundamentals & Dance

- Physical:** shapes, balances, jumps, rocking, rolling, travelling
- Social:** taking turns, co-operation, communication
- Emotional:** confidence, determination
- Thinking:** selecting and applying skills, creating sequences

Key Vocabulary: balance, muscle, body parts, direction, narrow, wide, outdoor, big/small

Engage: Pilot visit

Express: Making boats and investigating floating and sinking.

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

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

Key Skills and Knowledge: Blend sounds to read words, read short Ditty stories, read Set 1 Special Friends (31 sounds total).

Key Vocabulary: Fred talk, special friends, "fred talk, read the word"

Montessori Literacy: Large/ Small Movable Alphabet, Pink Box 1 -4 (word building)

Storybooks: *Duck in the Truck* Jez Alborough, *Mr Gumpy's Motor Car* John Burningham, *The Boy on the Bus* Penny Dale, *I wish I were a Pilot* Stella Blackstone, *Lost and Found* Oliver Jeffers, *The Train Ride* June Crebbin.

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

Key Skills and Knowledge:

- I can describe what I see, hear and feel outside.
- I am beginning to understand what the four seasons are.
- I can describe what I see, hear and feel outside.
- I know the purpose of a map.
- I can read a simple map.
- I can talk about similarities and differences between life in this country and life in other countries.

Key Vocabulary: Car, truck, van, lorry, bike, scooter, plane, hot air balloon, ship, boat, train, motorbike, helicopter, Sawbridgeworth, home, road, park, tree, bench, church, shop, path, school, Continent names, Sledge, tram, tuktuk, seaplane, husky dogs, camel, elephant, donkey

We are... mathematicians:

Key Skills and Knowledge:

Classification

- I can compare the groups after classification.
- I can count a set of items accurately and comparing this to the amount in other sets.
- I can compare a set of objects in varied contexts.

Positional language

- I can develop language linked to position and direction, in movements and using symbols.

Ordering and Estimating

- I know the position of numbers 0-10 and the relationship to other numbers, such as 0, 5 or 10

- I can begin to rehearse number bonds.

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 pace value and teen numbers.

Key Vocabulary:

Compare, group, top, bottom, left, right, order, number bonds, odd, even, teen.

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We are... A Community (PSHE): Key Skills and Knowledge:

- Talk about how to keep their bodies healthy and safe.
- Name ways to stay safe around medicines and generally at home, classroom and outside. Including age-appropriate ways to stay safe online.
- Name adults in their lives and those in their community who keep them safe.
- Explain what they should do if they feel unsafe

Key Vocabulary: keep clean, sleep, safe, keep safe, water, unsafe, worried, food, tummy, feelings, tell, fresh air, uncomfortable, adult, cuddle, trust, address, grown up

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 understand why having clean hands is important when using shared devices.
- I can understand why it is not sensible to eat and drink whilst using a technological device.
- I can understand why I need to take care with electronic devices and their plugs and wires.
- I can take appropriate actions when I need to carry a device to a different location.
- I can identify the parts of a computer and what they are for
- I can use devices with care.
- I can identify the technology used around me.

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

We are... Understanding the World (History): Key Skills and Knowledge:

- Comment on images of familiar situations in the past.
- I can talk about things that have happened in the past.

Key Vocabulary: Past, present, car, train, steam train, bike, camel, horse, donkey, cow, cart

We are... Theologians: Understanding the World (RE):

Hinduism Key Skills and Knowledge:

- Explain why we have rules.
- Tell someone how to care for our environment.
- Make good choices and begin to understand the concept of fair and unfair.
- Know what Holi is and what people do (marks the beginning of Spring. People go out into the street for a messy and colourful celebration).
- Identify how Chinese New Year is celebrated and know that Chinese people believe fish (Koi) bring good luck.

Key Vocabulary: Holi, Right, Wrong, Fair.

We are... Expressing Art and Design: Key Skills and Knowledge:

Painting I can splatter paint using a tool.

- I can print using
- sponges to form
- a scene & repeat pattern.
- I can make each print precise and clear.

Shape I can make pictures using shapes.

- I can use shape cutters

Artist: I can begin to name famous artists

Key Vocabulary: Artist, cutter, sponge, pattern, spray, splatter, paint, shape.

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

- CL:** Understand how to and why we need to listen carefully, learn new vocabulary, explore and learn rhymes and songs,
 - PD:** develop overall body strength, coordination, balance and agility needed to express through dance. Develop fine motor skills to use simple instruments and equipment
 - Maths:** count actions and sounds. Understand one more/less through songs and rhymes
 - UTW:** compare and contrast song and sounds in nature
 - EAD:** listen, move to and express feelings from music, sing in a group or alone matching pitch. perform music and dances
- Key Vocabulary:** Nursery-rhyme, Perform, Performance, Solo, in-time,

We are... Expressing Design (DT): Key Skills and Knowledge:

Designing:

- I can arrange and rearrange materials and talk about what I am doing and have done.
- Making:**
- I can manipulate materials into different shapes.
 - I can use tools safely.
 - I can select, rotate and manipulate shapes in order to develop my spatial reasoning skills.

- I can construct with a purpose in mind.

- I can use tools safely

Food and Nutrition:

- I can develop my small motor skills so I can use a range of tools competently.
- I can decorate a biscuit.

Key Vocabulary: Plan, design, decorate build, Join, fix, glue, stick