



Numeracy Overview

In addition to the activities below, the children have everyday access to a wide variety of topic related continuous provision activities to enable exploration and the opportunity for children to demonstrate the Characteristics of Effective Learning, consolidate and extend their learning and interact with their peers and teachers. These include resources such as; Numicon, dice games, tangrams, jigsaws, whiteboards and pens, shopping role play, magnetic number formation boards, pegboards, multi link, abacuses, shapes, threading & counting beads, numbered carpet tiles to order, IWB computer games, sand & water. **Topics and activity ideas are suggestions only and are subject to change based on children's interests and needs.**

Autumn1

Family/Autumn/Harvest

Baseline activities.
Introduction to Numicon, number rhymes and formation.
Counting forwards & backwards to 10 and beyond & finding one more and less.
Matching specific amount of objects to correct number.
Counting topic related objects & comparing amounts/numbers using more, less and equals.
Adding together two groups of topic related objects.
Using money in the "Farmer's Market" role play.
Comparing the weights of different vegetables with balance scales.
Measuring fruit & veg with unifix & comparing lengths.
Weight and distance language.

Autumn 2

Space/Enterprise/Christmas

Subitise to 5, counting and adding up & comparing stars and alien eyes.
Weighing moon rocks and comparing length and weights of space objects in the space station.
Positional language with soft rocket.
2D shape space pictures and properties. Shape language.
Space potions- comparing capacities and capacity language.
Numicon recognition and number bonds to 5.
Counting to 20 and beyond and back.
One more/less with numicon.
Explore composition of numbers to 10 with numicon and link to addition.
Estimating and counting baubles.
Santa's subtraction sack introduction to practical subtraction.
3D/ 2D present wrapping.
Using money and numicon to pay in the Christmas shop.
Repeated Christmas patterns.

Spring 1

Winter/Castles/Transport

Subitise, count and add the number of people who can fit in the Winter carriages. Estimation to 10 and beyond. Recall one more/less to 10 and beyond.
Practical addition and subtraction to 10 and beyond. Recording sums using +, -, =.
Timed activities, making clocks, o'clock, daily routine, days of the week.
Time language.
Addition & subtraction problem solving. (Marbles in the tower adding game. Knocking down the dragons subtraction game. Food at the banquet.)
Writing teen numbers and making with Numicon.
Counting cars to 20 and matching to numerals.
Introduce Even/ odd with Numicon.
Patterns with coloured cars.
Measuring distance the cars travel.

Spring 2

Traditional Tales/Superheroes/Healthy Bodies

Subitise to 5 and estimate amounts beyond. Number bonds to 5 and 10.
Balancing Numicon Number bonds games and recall activities. TT themed.
3D Shape Hunts using QR codes.
Adding numbers on superhero cards. Extend shape language.
Numberlines, counting forwards and backwards with superhero cars.
Introduce 100 square counting beyond 20 and recognising patterns in 100 square.
Estimation and comparing quantities of objects.
Measuring & comparing the size/lengths of skeleton bones.
Drawing around each other & measuring in handspans, footprints & unifix cubes. Extend measures language.
Introduce doubling and halving (sharing).

Summer 1

Spring/Toys/ Recycling

Addition and subtraction counting on and back to 20 and beyond. Recording sums independently.
Recall number bonds to 5 ext/ 10.
Recall doubles.
Real life +/- problems.
Explore and represent patterns of numbers.
Numerical patterns counting in 2's, 5's and 10's. and investigate with Numicon.
Odds/evens.
one more/one less on number line to 20 and beyond.
Practical doubling/halving.
Doubling with Numicon.
2D/ 3D shape names and properties.
Money in Toy Shop role play.
Making price tags. Coin recognition. Matching coins/numicon to price tags.
Shopping problems.
Money language.

Summer 2

Animals/Under the Sea/Pirates

Doubling, pet shop money activities, halving, sharing food between pets. Time
o'clock/half past, time language to order day, time word probs. Capacity. Using the water to fill a variety of containers & working out which hold more/less etc. Compare. Problem solving with how many cups fill a container. Estimate & investigate. Fav sea creatures tally/bar chart. Positional language with sea creatures/ time activities.. Sharing nuts among the parrots & treasure among the pirates. Name & describe the shape of the 3D wrapped treasure. Take the pirate ship to different islands. Work out directions, estimate distance & measure. Know odd/even and bonds to 10.