

Personal Social and Emotional Development:

Self- Regulation/Managing self/Building relationships.

What makes us the same? What makes us different? - Read Me Myself and I by Helen Lungair

Look at our five senses -What are they? Seeing, hearing, smelling, touching, tasting. Learn the song with actions.

Circle time – discuss with children about being different and that some people sadly don't have all 5 senses. Give children experiences – how do they feel? Not seeing, not hearing – play games and watch videos about our 5 senses.

Blind fold game – What is it? Who is it? Who has the keys?

Teamwork – investigating together, sharing, turn taking with resources in role-play corner

Hot seat - Who wants to be a scientist? What is science? Talk about safety – keeping safe.

PSE stories about being different and develop their understanding of empathy. Set up scenarios using puppet and role-play what it would be like to see nothing but darkness.

Understanding the World

Past and Present/ The Natural world:

Simple 5 senses experiment's such as tasting using food and drinks that are sweet, salty, sour and bitter can the children name them. Touch and feel different objects such as shells, fir cones and leaves – chn to describe how they feel and smell.

Germ's investigation using pepper, soap and water link to keeping our hands clean.

Magnet's exploration – what is magnetic at home? What sticks?

Doesn't stick? Magnetic hunt. Videos and games –

www.britishcouncil.gov.uk

Forces – What does a child push and pull at school/at home/in the park?

Float and sink investigation – using natural and man- made objects for children to guess and then test.

Wind science- make windmills

Children take photographs of their work/explorations

Learn to programme BeeBot around a m

People, culture and communities:

Celebrate Easter – The Golden Egg Story, The Easter Story

Forest school.

Expressive Arts and Design

Creating with materials:

Make musical instruments out of recycled materials such as yogurt pots and card board tubes/rice/beans

Singing bottles/Panpipe straws

Sensory play: mixing colours using zip-lock bag and primary paint colours

Zappy Zoomer using card and coloured straws

Sail cars/Floating ice boat/floating flowers

Spinning paper helicopter

Making bread, cheese rolls.

Easter cards, Easter baskets.

Visit to Forest school – what can children make out of leaves and sticks?

Being imaginative and expressive:

Role-play - Science laboratory with clothing and equipment, clip boards and pens, glasses, scientific labels for children to copy and write.

Small world such as the moon, space ships and plants with aliens and monsters.

Physical Development: Gross and Fine motor

Gross motor skills:

Different ways of moving, e.g., be a robot or rocket.

Gymnastics investigation.

Drawing with the hand you don't normally write with.

Use different parts of your body in unusual ways, such as slithering, crawling along apparatus and tunnels.

Play science games/number games using buckets and hula hoops.

Obstacle course for chn to travel in different ways.

Fine motor skills:

Swirly snakes/ chalk drawings on playground.

Play dough activity science mats and 3D shapes.

Play dough disco to Nursery songs and rhymes.

Tweezer and scissor scoop activities using buttons, beads and beans.

Large and small paint brushes/chalk boards

Make paper aeroplanes

Rock and roll eggs paint boiled eyes.

Set up exploration table outside – bugs/natural objects. – magnifiers, tweezers.

Super Scientists – Spring 2



Mathematics

Number:

Focus on number 5 to link with our five senses. Practice number bonds using song, fingers and different objects. Chn to order numbers 1-5, add and take away daily, weekly and count back down. Problem solving activities using familiar web sites.

Recap Counting to 5/10 using different objects similar and different in size, shape and colour.

Subitize up to 5/10 – visit Jack Hartman/number blocks songs about subitizing in different ways.

Numerical patterns:

Verbally count beyond 5, in ones and twos, double numbers and teach patterns – look at odd and even numbers using a selection of manipulatives.

One more/one less and the same activities using objects, counters.

Set up investigational maths counting area inside/outside with numbers cards 0 to 5/10 for chn to match quantities.

Positional Language – Rosie's Walk. Hide teddy and describe where he is. Make an obstacle course.

Representing numbers to 5 – Kipper's Birthday by Mick Inkpen, Make arrangements of numbers.

Communication and Language:

Listening, Attention and Understanding

Listen attentively to stories and instructions on what they can do and make.

Hot seating- children take turns being a scientist/dress up as one/ answer questions about science/comment and hold conversations about the topic/object.

Set up science laboratory to support chn's understanding of scientific language and encourage their talking about the subject such as Why a magnet sticks?

Display key words, banners with scientific words for children to mark make, Copy and write.

CD players/ you tube/ play music linked to science such as Holst and The Planets.

Speaking:

Easy speak microphones-

Read non-fiction books 'I wonder why?' at story time. Easy speak microphones.

'I wonder why' information books/set up in home corner

Positional language – Were Going on a Bear Hunt / Rosie's' walk–

Count with Little Fish – Lucy Cousins,

Science story sacks.

Literacy:

Word Reading and Writing: Self -registrar and write own name by coping name card.

Display days of the week, months, seasons and weather using visual cards and variety of songs for chn to learn and read.

Salt, flour, shaving foam, gelli baff for children to write letter type shapes/name/alphabet and numbers.

Jolly phonics songs for children to read/link letters to their individual sounds.

Flash alphabet/number cards for children to read before they choose.

Display core topic science words and captions including the 5W's.

Opportunities to copy and mark make these independently.

Cursive pattern writing laminated sheets - www.tiwnkl.co.uk

Simple CVC reading using alphablocks, reading machine and phonics play activities.

Comprehension:

Listen well to core non-fiction information books such as I Wonder Why? Set up these books in reading book corner so chn can look at independently, comment and discuss what they see in the pictures and identify key words.

Vocabulary:

Hear, taste, smell, feel, see.

Push, pull, force, stick, not stick,

Float, sink,

On, under, behind, in front, over, though.

First, then, next, finally.

Visits:

Wiggly wild show

Ecological Park