## Skol Nansledan Continuous Provision Planning

Key Learning Opportunities

## Characteristics of Learning

- To maintain a focus for an extended period of time
- To think of ideas and find new ways to do things, engaging in new experiences and making links in their learning


## Personal, Social and Emotional Development

- To choose and share resources needed for the chosen activities
- To show confidence in asking adults for help


## Physical Development

- To show good control and co-ordination in small movements
- To handle tools with increasing control and show a preference for a dominant hand
- To begin to use anticlockwise movement and retrace vertical lines and to form recognisable letters
- To use a pencil and hold it effectively to form recognisable numbers


## Communication and Language

## To express thoughts and share ideas

To demonstrate understanding when talking with others
To develop own explanations by connecting ideas or events

- To use language to explain and recreate experiences, linking statements and sticking to a main theme

| Resources | Organisation | Intended Experiences | Role of the Adult |
| :---: | :---: | :---: | :---: |
| Maths Area <br> -Selection of Maths story books. <br> -Interlocking cubes <br> -Counters <br> -Number shapes <br> -Sorting hoops <br> -Natural materials (for sorting, comparing and counting) <br> -Small world toys (for sorting, comparing and counting) <br> -Matching cards <br> -Number lines and number tracks <br> -Magnetic numbers <br> -Numeral cards <br> -Dot cards <br> -Shapes (2D and 3D) <br> Number and information books <br> Beads, cotton reels, threading materials <br> - Measuring containers | -Resources organised into pen pots and shallow trays on open shelving so that they are easily visible to the children. <br> -Resources grouped together, sorted by type. <br> -Regular shaped pots and trays silhouetted onto the shelves to support shape recognition and tidying up routines. <br> -Resources clearly labelled using text and photographs and including numbers of items to support maths learning through tidying up. <br> -Area for children to store partially completed work (wow tray) <br> -Areas for children to store or display completed work (proud clouds) | In this area we will see children <br> -Play mathematical games, developing the ability to form good relationships with peers and mathematical skills. <br> -Talk about mathematical ideas and what they notice about different objects, shapes, patterns and arrangements. <br> -Explore sorting objects into sets based on different criteria. <br> -Match items that are the same. <br> -Use language to talk about different patterns they can see. <br> -Practise rote counting, starting and stopping at different numbers. <br> -Represent numbers using their fingers and different resources. <br> -Recognise different ways that numbers can be represented. <br> -Explore subitising and identifying how many objects are in a group without counting. <br> -Identify and write numerals. <br> -Practise matching numerals and quantities. | Play Alongside <br> -Observe children and take note of their key interests <br> -Respond to their requests and suggest ideas <br> -Consider additional stimulus and add this immediately if to hand or the following day/week <br> -Play and model alongside children to take learning forwards, suggest ideas and show what's possible <br> -Play alongside, or in small, organised groups to model language, correct and/or extend vocabulary, to show how to use the resources appropriately. <br> Role Model <br> -Model use of materials in the area to encourage interest. -Invite children to create and conduct their own investigations and talk about what they notice and what they find out. <br> -Draw children's attention to numerals, patterns and shapes within the environment. <br> -Model mathematical language and vocabulary. <br> - Demonstrate counting and model counting strategies, such as moving objects as you count them and say one number name for each item. <br> Raise questions to stimulate ideas and add challenge -Use open-ended questions to promote thinking. |


| -1-6 dice <br> -Dominoes <br> -Clipboards, paper, pencils <br> Mini whiteboards and pens | -Learning and using mathematical vocabulary. <br> -Exploring, copying, correcting and creating repeating patterns. <br> -Explore 2D and 3D shapes - talking about their properties and how the shapes can fit together, be used or split into smaller shapes. <br> - Investigate comparing and measuring length, height, weight and capacity. <br> -Recognise number sequences and place numerals in order. <br> -Sing number rhymes and songs and use their fingers or props to support the lyrics. <br> -Record their number activities and ideas using pictures, words or numbers. <br> -Recognise and explore ways of measuring time. <br> -Sequence familiar events that happen in their day. <br> -Identify coins and use money-related vocabulary. <br> -Explore number bonds for numbers up to ten in different ways, such as number rhymes, interlocking cubes and number shapes. <br> -Practically explore addition and subtraction in different contexts. <br> -Discuss and explore positional language and spatial awareness. <br> -Opportunities to record their mathematical thinking. <br> -Explore maps and talk about different routes. | -Talk about mathematical ideas and what they notice about different objects, shapes, patterns and arrangements. <br> Key Questions <br> Use appropriate language linked to key learning <br> -Talk about different patterns they can see. <br> -Sing number rhymes and songs and use their fingers or props to support the lyrics. |
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Inside

| Continuous Pronision Area | Key learning opportunities linked to mathematics |
| :---: | :---: |
| Block Area | - To explore properties of shapes, both 2D and 3D <br> - To compare shapes in a variety of ways - length, shape, properties and to recognise similarities <br> - To recognise, create and describe patterns <br> - To use everyday language to talk about size, position and distance <br> - To compare quantities and lengths |
| Creative Area | -To compare, estimate and measure using materials <br> -To use a developing range of wocabulary to describe size, shape, space and measure <br> -Manipulating |
| Domestic Role Play | - To use a developing range of vocabulary to describe size, shape, space and measure |
| Malleable Area | -To group and count objects <br> -To develop and embed number recognition <br> -To compare, estimate and measure <br> -To use a developing range of wocabulary to describe size, shape, space and measure |
| Reading Area | - To recognise and talk about numbers and number patterns in stories - To recognise and describe patterns in books |
| Small Construction Area | - To explore properties of shapes, both 2d and 3d <br> - To recognise, create and describe patterns <br> - To use everyday language to talk about size, position and preposition <br> - To practise sorting, matching and selecting shape for purpose <br> - To have an awareness of everyday shapes <br> - To compare quantities and practise counting skills <br> - Explore symmetry |
| Writing Area | - To order and sequence familiar events and use every day mathematical language related to time, position, size, and shape |

## Outside

| Continuous Prowision Area | Key learning opportunities linked to mathematics |
| :---: | :---: |
| Construction and Building | -To explore the properties of 3d shapes <br> -To compare shapes in a wariety of way: length, properties, similarities, and purpose <br> -To use everyday language to talk about size, position, distance, and weight |
| Gardening and Growing | -To show awareness of similarities of shapes and patterns in the environment <br> -To use position language <br> -To count for a purpose <br> -To identify and read numerals |
| Mud Kitchen | -To recognise and use numerals on scales. <br> -To use number to order, count, compare, estimate, and measure. <br> -To use positional language. <br> -To use a developing range of wocabulary to describe capacity, size, shape, comparison and measurement. |
| Playing Games | -To show an interest in shape and space and measure <br> -To show an interest in similarities and differences <br> -To use positional language <br> -To count up to 10 , forwards and backwards, counting on I and back $\mid$ <br> -To read and write numerals |
| Sand | -To use number to order, count, compare, estimate and measure <br> -To use position language <br> -To use a range of vocabulary to describe capacity, weight, size, shape and comparison <br> -To recognise, create and describe patterns |
| Water Investigation | -To recognise and use numbers on scales <br> -To use number to order, count, compare, estimate and measure <br> -To use position language -To use a developing range of vocabulary to describe capacity, estimate and measure |

