



**MINISTRY OF EDUCATION**

**NURSERY EDUCATION SECTOR**

**YEAR 2**

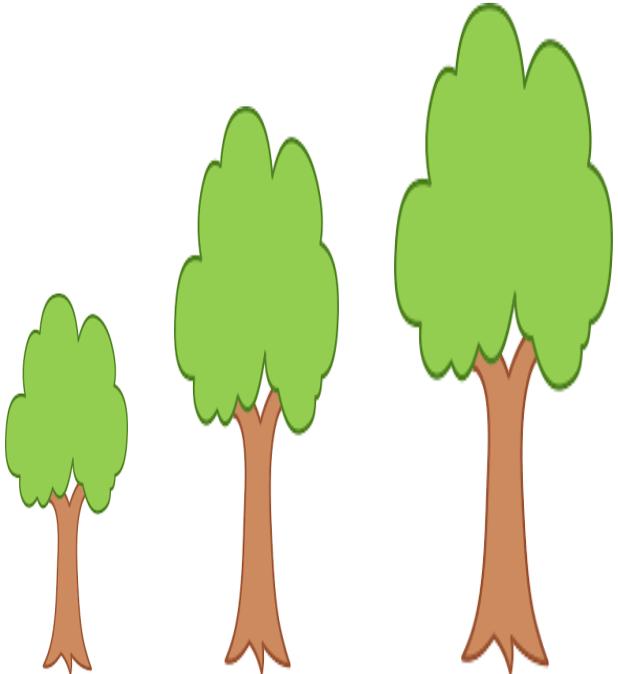
**MATHEMATICS CURRICULUM OUTLINE**

**CHRISTMAS TERM, 2021**



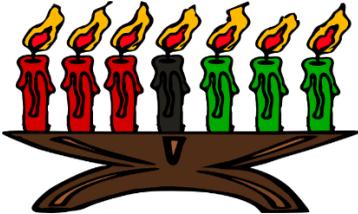
MINISTRY OF EDUCATION  
Nursery Curriculum Outline  
Numeracy  
Year 2

**MATHEMATICS**

<b>Week</b>	<b>Topic</b>	<b>Objective (s)</b>	<b>Content/concept</b>	<b>Suggested Activities</b>	<b>Links/Resources</b>
1	My friend and I <b>Heights</b>	-To identify and differentiate between and among different heights. (Tall, Taller, Tallest)		<ul style="list-style-type: none"><li>- Introduce heights with the tall, taller, tallest action song</li><li>- Exhibit objects of different heights</li><li>- Measure different objects to determine the heights</li><li>- Showcase the words <b>tall, taller, tallest</b> along with objects to match each height.</li><li>- Identify the tall object</li><li>- Identify the taller object</li><li>- Identify the tallest object</li><li>- Mould to show tall, taller, tallest</li><li>- Colour the tall tree in <b>green</b>, the taller tree in <b>brown</b> and the tallest tree in <b>yellow</b></li><li>- Measure the heights of stuff toys to determine the tallest stuff toy</li><li>-</li></ul>	

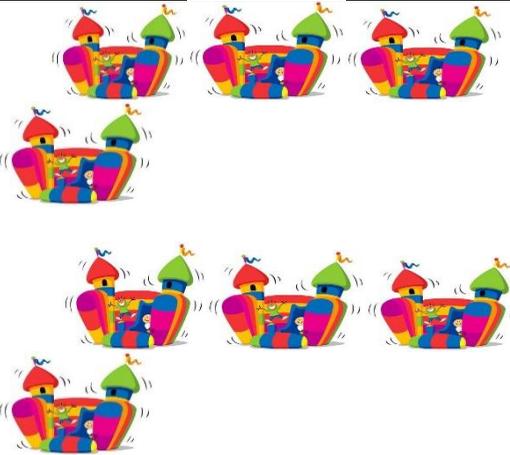


## MATHEMATICS

Week	Topic	Objective (s)	Content/concept tall taller tallest	Suggested Activities	Links/Resources
2	My friend and I have birthdays <b>Number, numeral and name 6 and 7</b>	-To be able to identify the number, numeral, name 6 and 7	Number (speaks of amount)  Numeral – <b>6</b> Name – <b>SiX</b>  <b>7</b>	<b>Teacher's Activities</b> <ul style="list-style-type: none"><li>- Introduce the topic with a story based on numeral 6 and 7</li><li>- Rote count to 6 and 7</li><li>- Counting 6 and 7 objects to determine number (amount)</li><li>- Sing the numeral formation song for 6 and 7</li><li>- Displaying and spelling the words six and seven</li><li>- Giving instructions to complete activity in workbook</li></ul>	<a href="https://youtu.be/r9qieqF2kF0">https://youtu.be/r9qieqF2kF0</a> <a href="https://youtu.be/V64JG_40PjU">https://youtu.be/V64JG_40PjU</a> <a href="https://youtu.be/bdBxMiATfR0">https://youtu.be/bdBxMiATfR0</a> <a href="https://youtu.be/g6Xt5b_tdSg">https://youtu.be/g6Xt5b_tdSg</a> <a href="https://youtu.be/4tRNvUnUdgU">https://youtu.be/4tRNvUnUdgU</a> <a href="https://youtu.be/2X-HAFPHBzg">https://youtu.be/2X-HAFPHBzg</a>  MoE Worksheets



## MATHEMATICS

Week	Topic	Objective (s)	Content/concept	Suggested Activities	Links/Resources
			<h1>seven</h1>		
3	Places my friend and I go and activities we do  <b>Number, numeral and name 8 and 9</b>	- To be able to identify the number, numeral, name 8 and 9	 <p style="text-align: center;"><h1>8</h1> <h1>eight</h1></p> 	<ul style="list-style-type: none"> <li>- Introduce the topic with a story based on numeral 8 and 9</li> <li>- Rote count to 8 and 9</li> <li>- Counting 8 and 9 objects to determine number (amount)</li> <li>- Sing the numeral formation song for 8 and 9</li> <li>- Displaying and spelling the words eight and nine</li> <li>- Giving instructions to complete activity in workbook</li> </ul>	<a href="https://youtu.be/niJOjKaeCtY">https://youtu.be/niJOjKaeCtY</a>  <a href="https://www.youtube.com/watch?v=kdzD8Z2lp6A">https://www.youtube.com/watch?v=kdzD8Z2lp6A</a>  <a href="https://www.youtube.com/watch?v=nBcm0ftmmMk">https://www.youtube.com/watch?v=nBcm0ftmmMk</a>  <a href="https://youtu.be/-vdLIV_Oukc?list=TLPQMjMwODIwMjBxh3e-Ct46iA">https://youtu.be/-vdLIV_Oukc?list=TLPQMjMwODIwMjBxh3e-Ct46iA</a>  <a href="https://youtu.be/Cy7nR6hcpl">https://youtu.be/Cy7nR6hcpl</a>  <a href="https://youtu.be/71px2KDlraE">https://youtu.be/71px2KDlraE</a>  <a href="https://youtu.be/h-7L6OHTOiE">https://youtu.be/h-7L6OHTOiE</a>  <a href="https://youtu.be/rSoYRFYT3fA">https://youtu.be/rSoYRFYT3fA</a>  <a href="https://www.youtube.com/watch?v=icMy97a3zK8">https://www.youtube.com/watch?v=icMy97a3zK8</a>  <a href="https://youtu.be/2X-HAFPHBzg">https://youtu.be/2X-HAFPHBzg</a>  <a href="https://youtu.be/o42if1lg_Lo">https://youtu.be/o42if1lg_Lo</a>

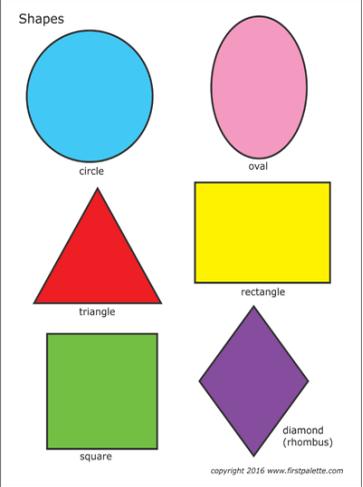


## MATHEMATICS

Week	Topic	Objective (s)	Content/concept	Suggested Activities	Links/Resources
			  9 nine		MoE Worksheets
4	My friend and I have special friends  <b>Number, numeral and name 10</b>	To identify number, numeral and name – 10	  10 ten	<ul style="list-style-type: none"><li>- Introduce the topic with a story based on numeral 10</li><li>- Rote count to 10</li><li>- Counting 10 object to determine number (amount)</li><li>- Sing the numeral formation song for 10</li><li>- Displaying and spelling the word ten</li><li>- Giving instructions to complete activity in workbook</li></ul>	<a href="https://youtu.be/DR-cfDsHCGA">https://youtu.be/DR-cfDsHCGA</a>  <a href="https://youtu.be/glkQwKA5_PU">https://youtu.be/glkQwKA5_PU</a>  <a href="https://youtu.be/hp_xhRJNWH8">https://youtu.be/hp_xhRJNWH8</a>  <a href="https://youtu.be/b7hRdkP9HFM">https://youtu.be/b7hRdkP9HFM</a>  <a href="https://youtu.be/SjVb4NYCP70">https://youtu.be/SjVb4NYCP70</a>  <a href="https://youtu.be/Jis_-shkr78">https://youtu.be/Jis_-shkr78</a>

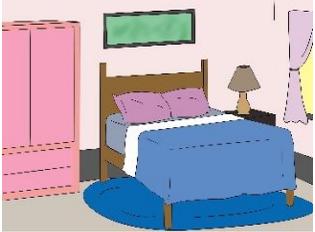


**MATHEMATICS**

Week	Topic	Objective (s)	Content/concept	Suggested Activities	Links/Resources
					MoE Worksheets
5	Types of houses <b>Geometrical Shapes</b>	To identify and name geometrical shapes  (Circle, triangle, square, rectangle, diamond and oval)		<ul style="list-style-type: none"> <li>- Introduce shapes in an exciting way</li> <li>- Display the shape chart</li> <li>- Encourage children to identify the different shapes around their home</li> <li>- Describe the properties shapes</li> <li>- Count the number of sides on each shape</li> <li>- Join dots to make different shapes</li> <li>- Trace outline of different shapes</li> <li>- Colour within the outline of different shapes</li> <li>- Draw different shapes</li> <li>- Paste shape to make different objects (e.g. a house)</li> <li>- Sort shapes according to its name</li> <li>- Cut out shapes</li> <li>- Give instructions to complete worksheets</li> </ul>	<p>MoE Worksheets</p> <p>“The Shape of Things” by Dayle Ann Dodds  <a href="https://youtu.be/njMUQceal4">https://youtu.be/njMUQceal4</a></p> <p><a href="https://youtu.be/OEbRdtCAFdU">https://youtu.be/OEbRdtCAFdU</a></p> <p><a href="https://youtu.be/QkeQuFAnkaw">https://youtu.be/QkeQuFAnkaw</a></p> <p><a href="https://youtu.be/TJhfl5vdxp4">https://youtu.be/TJhfl5vdxp4</a></p> <p><a href="https://youtu.be/03pyY9C2Pm8">https://youtu.be/03pyY9C2Pm8</a></p> <p><a href="https://youtu.be/AnoNb2OMQ6s">https://youtu.be/AnoNb2OMQ6s</a></p> <p>MoE Worksheets</p>

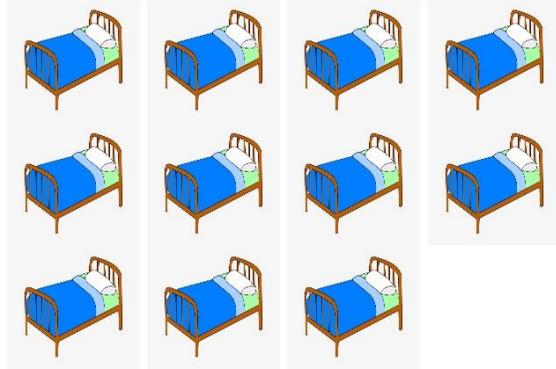


**MATHEMATICS**

Week	Topic	Objective (s)	Content/concept	Suggested Activities	Links/Resources
6	Parts / Sections in the home	To identify and differentiate between different sizes. (big, bigger, biggest)	<p><b>Sizes</b></p>  <p style="text-align: center;"><b>Big</b></p>  <p style="text-align: center;"><b>Bigger</b></p> 	<ul style="list-style-type: none"> <li>- Introduce sizes in an exciting way</li> <li>- Exhibit objects of different sizes</li> <li>- Measure different objects to determine the size</li> <li>- Showcase the words big, bigger, biggest along with objects to match each size.</li> <li>- Identify the big object</li> <li>- Identify the bigger object</li> <li>- Identify the biggest object</li> <li>- Draw to show big, bigger, biggest</li> <li>- Colour the big box yellow, the bigger box brown and the biggest box red</li> <li>- Measure the furniture to determine big, bigger and biggest</li> <li>-</li> </ul>	<p>Story-<b>Big, Bigger, Biggest</b> by <b>Nancy Coffelt</b>  <a href="https://youtu.be/2lhqsOLwyzA">https://youtu.be/2lhqsOLwyzA</a></p> <p><a href="https://youtu.be/ryIE-TTdsII">https://youtu.be/ryIE-TTdsII</a></p> <p><a href="https://youtu.be/gLMxitPMCm8">https://youtu.be/gLMxitPMCm8</a></p> <p>MoE Worksheets</p>



## MATHEMATICS

Week	Topic	Objective (s)	Content/concept	Suggested Activities	Links/Resources
			Story-Big, Bigger, Biggest by Nancy Coffelt		
7	Things found in the home <b>Numeral 11</b>	To identify number, numeral and name – 11	  <b>11 - eleven</b>	<ul style="list-style-type: none"><li>- Introduce the topic with a story based on numeral 11</li><li>- Rote count to 11</li><li>- Counting 11 object to determine number (amount)</li><li>- Sing the numeral formation song for 11</li><li>- Displaying and spelling the word eleven Giving instructions to complete activity in workbook</li></ul>	<p><a href="https://youtu.be/iBJbhu35Ejw">https://youtu.be/iBJbhu35Ejw</a></p> <p><a href="https://youtu.be/Jis_-shkr78">https://youtu.be/Jis_-shkr78</a></p> <p><a href="https://youtu.be/A1FrkWj05tM">https://youtu.be/A1FrkWj05tM</a></p> <p><a href="https://youtu.be/psMXLY967ug">https://youtu.be/psMXLY967ug</a></p> <p>MoE Worksheets</p>

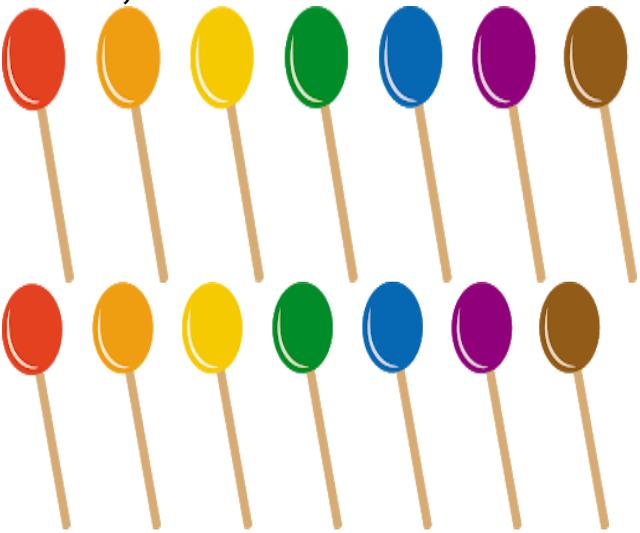


## MATHEMATICS

Week	Topic	Objective (s)	Content/concept	Suggested Activities	Links/Resources
8	Every boy/girl has a family <b>Numeral 12</b>	To identify number, numeral and name – 12	 <p style="text-align: center; font-size: 2em; font-weight: bold;">12 - twelve</p>	<ul style="list-style-type: none"> <li>- <b>Recap week 1 – 4 and 7 lessons</b></li> <li>- Introduce the topic in an exciting way</li> <li>- Rote count to 12</li> <li>- Counting 12 object to determine number (amount)</li> <li>- Sing the numeral formation song for 12</li> <li>- Displaying and spelling the word twelve</li> <li>- Giving instructions to complete activity in workbook</li> </ul>	<p><a href="https://youtu.be/wdBzzBrzvIA">https://youtu.be/wdBzzBrzvIA</a></p> <p><a href="https://youtu.be/p_R8Qesc6lY">https://youtu.be/p_R8Qesc6lY</a></p> <p><a href="https://youtu.be/Jis-shkr78">https://youtu.be/Jis-shkr78</a></p> <p><a href="https://youtu.be/U6LjhOiNy9E">https://youtu.be/U6LjhOiNy9E</a></p> <p><a href="https://youtu.be/psMXLY967ug">https://youtu.be/psMXLY967ug</a></p> <p>MoE Worksheets</p>
9	Types of family (Single parent and Nuclear family)	To identify number, numeral and name – 13	<b>Number, numeral and name - 13</b>	<ul style="list-style-type: none"> <li>- <b>Recap week 1 – 3 lessons</b></li> <li>- Introduce the topic in an exciting way</li> <li>- Rote count to 13</li> <li>- Counting 13 object to determine number</li> </ul>	<p><a href="https://youtu.be/ZmMHC-pyZnl">https://youtu.be/ZmMHC-pyZnl</a></p>

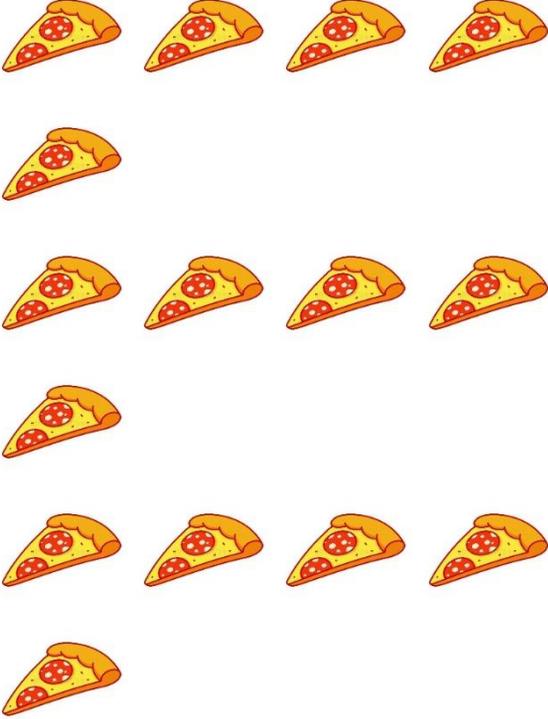


## MATHEMATICS

Week	Topic	Objective (s)	Content/concept	Suggested Activities	Links/Resources
			 <b>13 - thirteen</b>	<p>(amount)</p> <ul style="list-style-type: none"><li>- Sing the numeral formation song for 13</li><li>- Displaying and spelling the word thirteen</li><li>- Giving instructions to complete activity in workbook</li></ul>	<p><a href="https://youtu.be/ctAEUD8PoeY">https://youtu.be/ctAEUD8PoeY</a></p> <p><a href="https://youtu.be/Jis_shkr78">https://youtu.be/Jis_shkr78</a></p> <p><a href="https://youtu.be/uNkdPFJqZyA">https://youtu.be/uNkdPFJqZyA</a></p> <p><a href="https://youtu.be/psMXLY967ug">https://youtu.be/psMXLY967ug</a></p> <p>MoE Worksheets</p>
10	Types of family (Extended and Sibling family)	To identify number, numeral and name – 14	<b>Number, numeral and name - 14</b> 	<ul style="list-style-type: none"><li>- Introduce the topic in an exciting way</li><li>- Rote count to 14</li><li>- Counting 14 object to determine number (amount)</li><li>- Sing the numeral formation song for 14</li><li>- Displaying and spelling the word fourteen</li><li>- Giving instructions to complete activity in workbook</li></ul>	<p><a href="https://youtu.be/cgmmeitton_s">https://youtu.be/cgmmeitton_s</a></p> <p><a href="https://youtu.be/Jis_shkr78">https://youtu.be/Jis_shkr78</a></p> <p><a href="https://youtu.be/zwU5-i2UHk0">https://youtu.be/zwU5-i2UHk0</a></p> <p><a href="https://youtu.be/psMXLY967ug">https://youtu.be/psMXLY967ug</a></p>



## MATHEMATICS

Week	Topic	Objective (s)	Content/concept	Suggested Activities	Links/Resources
			<h1>14 - fourteen</h1>		MoE Worksheets
11	Things I do and places I go with my family	To identify/know number, numeral and name - 15	<b>Number, numeral and name - 15</b> 	<ul style="list-style-type: none"><li>- Introduce the topic in an exciting way</li><li>- Rote count to 15</li><li>- Counting 15 object to determine number (amount)</li><li>- Sing the numeral formation song for 15</li><li>- Displaying and spelling the word fifteen</li><li>- Giving instructions to complete activity in workbook</li></ul>	<p><a href="https://youtu.be/Jis_shkr78">https://youtu.be/Jis_shkr78</a></p> <p><a href="https://youtu.be/8jXC48J_hZ4">https://youtu.be/8jXC48J_hZ4</a></p> <p><a href="https://youtu.be/psMXLY967ug">https://youtu.be/psMXLY967ug</a></p> <p>MoE Worksheets</p>



**MATHEMATICS**

Week	Topic	Objective (s)	Content/concept	Suggested Activities	Links/Resources
<b>15 - fifteen</b>					
12	Christmas and Christmas celebration	To associated shapes with Christmas	<b>Shapes</b> - Some shapes can be associated with Christmas celebration	<ul style="list-style-type: none"> <li>- Introduce the topics in an exciting way</li> <li>- Display different shapes</li> <li>- Count the number of sides on each shape</li> <li>- Discuss how shapes are associated with Christmas celebration</li> <li>- Paint different shapes</li> <li>- Make different shape crafts</li> <li>- Draw different shapes</li> <li>- Paste shape to make gift boxes, Christmas trees, decorations etc.</li> <li>- Make templates of Christmas trees and gift boxes, decorations etc.</li> <li>- Create Christmas trees, gift boxes and decorations using cardboard and or items found in the environment.</li> <li>- Review concepts in a fun and exciting way</li> <li>- Record students' progress and areas that may need more attention</li> <li>- Complete progress records</li> <li>- Provide feedback to parents</li> </ul>	<p>The Christmas Story  <a href="https://youtu.be/zl2HVhwqnMs">https://youtu.be/zl2HVhwqnMs</a></p> <p><a href="https://youtu.be/OEbRDtCAFdU">https://youtu.be/OEbRDtCAFdU</a></p> <p>Christmas Card for Kids  <a href="https://youtu.be/NilkQ8F27QI">https://youtu.be/NilkQ8F27QI</a></p> <p>Christmas Craft for Kids  <a href="https://youtu.be/-47YGdWoSj8">https://youtu.be/-47YGdWoSj8</a></p> <p>MoE Worksheets</p>