

Skills to focus on during the Summer- Mathematical Development

| Skill                              | Activity  |
|------------------------------------|---|
| Reciting and sequencing numbers    | Sing and join in with familiar number rhymes, songs and stories<br>Recite numbers forwards and backwards to 10/20<br>Create number cards to 5/10/20 and order them creating a number line<br>Take a number away and ask which number is missing?  |
| Counting                           | Count 10/20 objects<br>Count everything!!!<br>Count the stairs in your house, count how many jumps you can do, count how many blocks you are building with  |
| Shape                              | Explore 2d and 3d shapes whilst playing<br>Look for shapes around the house name and describe them  |
| Pattern                            | Look for pattern within the environment<br>Copy a range of patterns visually and orally<br>Recognise and repeat patterns using three colours/shapes   |
| Reading and Writing Numbers        | Look for numbers all around you within the environment<br>Create number lines<br>Draw a hopscotch and identify the number you land on   |
| Measure and Units                  | Use everyday language to discuss size- which is the biggest apple?<br>Compare, sort and order two or more objects by direct observation of simple measures- can you find an object that is bigger/smaller/taller/shorter than the one I have?   |
| Time                               | Discuss routine and use simple language when describing parts of the day<br>Encourage your child to recognise elements of his/her routine – what do we do before bedtime?   |
| Data Recording and Representations | Record collections using marks, numbers or pictures<br>How many red/blue/green/black cars do you have? Can you draw 5 blue cars/2 red cars/4 green cars?  |
| Data Sorting and Grouping          | Sort objects within the home – can you put the cutlery away? Can you put all the knives/forks and spoons separately?<br>Can you sort the zoo/farm animals? Why have you chosen to sort them like that?  |
| Addition and Subtraction           | Understand and use the concept of 'one more' and 'one less' in play – If I take one away how many will be left? If I add one to the pile how many will we have then?<br>Understand very simple addition and subtraction and mentally recall 'one more' and 'one less' within 10-<br>Nursery Rhymes such as 5 little ducks, 10 green bottles, ten in a bed are great for supporting this skill |

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| Managing Money     | Create a role play shop within the home<br>Encourage children to take the role of the shop keeper and the customer<br>Encourage children to exchange money for an item<br>Explore real coins                        |
| Temperature        | Use simple words to describe everyday temperature hot/cold/warm/cool<br>Discuss clothing worn in different temperatures<br>Expose children to feel something cold from the freezer and something warm in comparison |
| Angle and Position | Follow simple instructions for movement- can you march forwards/backwards?<br>Create an obstacle course with your child<br>Ask your child to give you instructions/directions to complete the obstacle course       |