**Learning at Home**

**Early Level Numeracy**

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**I am working towards…**

Counting strategies (concrete items and mental strategies)

Things I could do at home to help me….

* Ring games
* Counting songs
* Finger counting
* Counting out amounts (toys or helping put shopping away etc…)
* Counting on steps (forwards and backwards)
* Using counting throughout the day
* Counting cars, buses, trees etc… when out and about

**I am working towards…**

Number word sequences 0-30

Things I could do at home to help me….

* Local area walks (counting amounts of things they see around)
* Setting the table at home (counting amounts)
* Counting steps
* Hopscotch
* What’s the time Mr Wolf
* Counting toes and fingers
* 10 green bottles

**I am working towards…**

Numerals to 20

Things I could do at home to help me….

* Number hunt around the house/garden
* Finding/drawing numbers and putting them in correct order
* Snakes and Ladders
* Number songs, stories and rhymes
* Spot numbers indoors and outside e.g buses, door numbers, signs, car registration plates

**I am working towards…**

Ascribe number to spatial pattern

Things I could do at home to help me…

* Make a dice and roll it, then jump the amount it lands on
* Dominos to learn dot pattern numbers
* Drawing dot patterns in a different way (random array)
* Dot to dot in the air

**I am working towards…**

Finger patterns for numbers to 10

Things I could do at home to help me….

* Finger songs (1,2,3,4,5 once I caught a fish alive etc…)
* Songs, rhymes and stories
* Jumping amounts
* Hiding fingers
* Bunny ears
* Counting on fingers aloud

**I am working towards…**

Copying and counting temporal patterns and sequences

Things I could do at home to help me….

* Music and movement
* Copying beats to music by clapping, stamping, marching
* Hammering golf tees or nails into clay or fruit and veg
* Clapping out a given number
* Clapping and stamping when counting

**I am working towards…**

Ideas of equal groups and sharing

Things I could do at home to help me….

* Helping to cut fruit or veg
* Playdough
* Baking and cooking
* Encourage sharing
* Sorting items or toys into groups

**I am working towards…**

Money

Things I could do at home to help me….

* Playing shops
* Playdough
* Environmental walks to local shops/cafes
* Chatting about money and playing with old coins at home to help recognise different coins and amounts

**I am working towards…**

Time

Things I could do at home to help me…..

* Looking at different types of clocks (analogue,digital)
* Looking at calendars and talking about months and seasons in the year
* Looking for different things around the house that tell us the time e.g phones, cookers, alarm clocks etc…

**I am working towards…**

Shape, position and movement

Things I could do at home to help me….

* Shape hunts in local environment
* Gluing and sticking
* Junk modelling
* Painting
* Drawing
* Patterns
* Looking at colours

**I am working towards…**

Information handling

Things I could do at home to help me…

* Season hunt e.g conkers leaves etc…
* Voting for favourite bedtime book to read with family
* Making lists (shopping, baking)
* Creating own designs and plans

**I am working towards…**

Patterns and relationship

Things I could do at home to help me…

* Songs e.g Head, Shoulders, Knees and Toes
* Lining up toys in a pattern in shape or colour
* Go on a pattern talk and walk (talk about patterns you see in nature, buildings, clothing etc)
* Make patterns with duplo or lego or coloured blocks

Some More Activities

 Numbers to 20

 **Throw and catch**

* Throw a ball to each other counting each number as you go
* Count backwards or start at different numbers each time e.g. 7,6,5,4 or 9,10,11,12. if you drop the ball start again



Numbers to 20

**Hide and Seek**

* With a friend or adult find a good place in the house or outside to play a game of hide and seek
* The seeker covers their eyes and the hider hides somewhere.
* Count to ten from zero or from ten backwards to zero
* The hider can try to count how long it takes the seeker to find them just for fun !
* See who takes longer
* To add a bit more challenge try counting on from a different number eg 7,8,9,10,11



 Numbers to 20

**Count your steps**

* Count your steps from your bedroom to the kitchen

front door to the bathroom, which one has the most steps

* Which one has the least steps?
* Now do it backwards (count backwards and walk backwards) can you do this outside your house to the shop, front door to the car



 Numerals to 20

**Number Hunt**

* Go on a number hunt outside
* Look around as you walk for numbers on doors, signs, buses, cars, shops
* Try it inside too where do you spot some? Try the kitchen first, do you see a clock? What numbers do you see?



Numerals to 20

 **Chalk numbers**

* Use chalk to write numbers on the ground
* Can you write giant numbers?
* can you write little small numbers?
* Try and go around the big numbers with your feet and around the little numbers with your fingers or on your tiptoes
* Can you find all the numbers when they’re called out?



 Numerals to 20

**Chalk houses**

* Draw ten houses on the ground with chalk or on pieces of paper
* Number them 1-10
* Can you put them in order?
* Hide some and work out what numbers are missing?



Counting visible items

 **Throw and Catch game**

* Using small pebbles or jems place them in your hand and throw them up in the air
* Try to catch as many as you can
* Count them out
* Can you catch more each time?



Counting visible items

**Picnic Invites**

* Invite ten toys to a picnic
* When they arrive count how many have came to the party and how many snacks you need
* Is there more visitors than you had invited or less
* How many have came altogether?



 Counting visible items

**Object hunt**

* Go on a leaf, sticks, stones hunt in the garden or park
* Count how many you have gathered altogether
* Hide some from the adult your playing with
* Can you work out how many are missing?

