

## Ngunnawal Primary School Kindergarten Maths Learning Matrix



2D shape	2D shape	2D shape	2D shape
Learning Intention: I can name 2D shapes.	<b>Learning Intention:</b> I can name, describe and sort 2D shapes.	Learning Intention: I can make a 2D shape collage/picture.	<b>Learning Intention:</b> I can make a 2D shape picture.
Success Criteria: -I can name at least 4 shapes.  Learning Task:	Success Criteria: -I can collect/make 2D shapesI can identify sides and corners.	Success Criteria: -I can include 2D shapes in my collage/pictureI can name the 2D shapes in my collage/picture.	Success Criteria: -I can include 2D shapes in my collage/pictureI can name the 2D shapes in my collage/picture.
-Collect or make multiple 2D shapes at home Basic shapes: square, circle, triangle, rectangle Extension shapes: rhombus/diamond, hexagon, pentagon, octagonname the shapes and go on a shape hunt.	Learning Task: -using the shapes previously made or collected have your child write or trace the name of each shapetalk about the sides or corners of each shape ask, how do you know? -ask your child to count these and record the numberhave your child sort the shapes based on their features.	Learning Task: -using any materials available create a 2D shape collage/picture.	Learning Task: -using any materials available create a 2D shape collage/picture.
Positional language	Positional language	Positional language	Positional language
<b>Learning Intention:</b> I can use positional language to describe location.	<b>Learning Intention:</b> I can use positional language to describe location.	<b>Learning Intention:</b> I can use positional language to describe location.	<b>Learning Intention:</b> I can use positional language to describe location.
Success Criteria: -I can describe the position of an object e.g. the dog is <u>under</u> the table.	Success Criteria: -I can follow directions and move objects.	Success Criteria: -I can describe my position using correct language.	Success Criteria: -I can identify my left and right.
Learning Task: -Discuss with your child the question- What are some things in this room that you can go under? -Watch the following- https://www.skwirk.com.au/esa/position -Brainstorm different positional vocabulary that you just heard in the video + any other words they may already know. Record words.	Learning Task: -Discuss with your child the question- What is one object in the classroom that you could climb or step over? -Read we're going on a bear hunt book- get students to identify the positional language We're going on a bear hunt yoga <a href="https://www.youtube.com/watch?v=KAT5NiWHFIU">https://www.youtube.com/watch?v=KAT5NiWHFIU</a> (15 minutes).	Learning Task: - Allow your child to walk around the room until you say "stop". Then ask, 'Who has the door behind them?', 'Who is near the door?' etc  -Play the freeze game- listen to music and freeze. Ask the following questions- Are you under? Are you next to? Are you between?	Learning Task: -Introduce left and right (show how you can tell which is your left or right by making the L shape with thumbs)Do the hockey-pokey focusing on left and right.
-watch 'Rosies walk' by Pat Hutchins on youtube - students use a plastic cup and counter to show over, under, behind etc while reading.	-Draw a picture on a piece of paper of yourself next to a garbage bin.		
- Work as a pair and test each other with your cups and counters, can you put your counter behind, over, under, in front of the cup etc.			
Number	Number	Number	Number
<b>Learning Intention:</b> I can represent, write and collections of objects to 10 or beyond.	<b>Learning Intention:</b> I can represent, write and collections of objects to 10 or beyond.	<b>Learning Intention:</b> I can represent, write and collections of objects to 10 or beyond.	<b>Learning Intention:</b> I can represent, write and collections of objects to 10 or beyond.
Success Criteria:	Success Criteria:	Success Criteria: -I can represent numbers in many ways.	Success Criteria:
-l can represent numbers in many ways.	-l can represent numbers in many ways.	I -I can renresent numbers in many wave	-I can represent numbers in many ways.

Learning Task: -write numbers 1-10 using correct formation <a href="https://www.youtube.com/watch?v=qfcbWmASibk">https://www.youtube.com/watch?v=qfcbWmASibk</a>	Learning Task: -watch counting to 20 https://www.youtube.com/watch?v= MVzXKfr6e8	Learning Task: -watch counting to 20 https://www.youtube.com/watch?v=D0Ajq682yrA	Learning Task: -watch counting to 20 <a href="https://www.youtube.com/watch?v=srPktd4k">https://www.youtube.com/watch?v=srPktd4k</a> 08
-watch- I can show numbers in so many ways https://www.youtube.com/watch?v=IAQ2HTqTl2w	-watch- I can show numbers in so many ways https://www.youtube.com/watch?v=IAQ2HTqTl2w	-watch- I can show numbers in so many ways https://www.youtube.com/watch?v=IAQ2HTqTl2w	-watch- I can show numbers in so many ways <a href="https://www.youtube.com/watch?v=IAQ2HTqTl2w">https://www.youtube.com/watch?v=IAQ2HTqTl2w</a>
<ul> <li>-choose one or two playing cards from a deck of cards (or make your own number cards).</li> <li>-make an A4 poster- represent the number in multiple ways (picture, word, tallies, domino, ten frames, dice, fingers, number line).</li> </ul>	-choose a new playing card from a deck of cards (or make your own number cards)make an A4 poster- represent the number in multiple ways (picture, word, tallies, domino, ten frames, dice, fingers, number line).	-choose a new playing card from a deck of cards (or make your own number cards)make an A4 poster- represent the number in multiple ways (picture, word, tallies, domino, ten frames, dice, fingers, number line).	-choose a new playing card from a deck of cards (or make your own number cards)make an A4 poster- represent the number in multiple ways (picture, word, tallies, domino, ten frames, dice, fingers, number line).
Days of the week	Days of the week	Months and seasons	Weather and seasons
<b>Learning Intention:</b> I can name the days of the week in the correct order.	<b>Learning Intention:</b> I can sequence the days of the week in the correct order.	<b>Learning Intention:</b> I can name the season of the year and the months they occur.	<b>Learning Intention:</b> I can name the seasons of the year and the months they occur.
Success Criteria: -I can name the days of the weekI can name the day before and after a given day.  Learning Task: -sing the days of the week song <a href="https://www.youtube.com/watch?v=HtQcnZ2JWsY">https://www.youtube.com/watch?v=HtQcnZ2JWsY</a> -read The Very Hungry Caterpillar by Eric Carl or watch the animation and talk about the letter/s that each day starts with- this will help your child order themsequence the events of the story by drawing a picture and then have your child name the day that the event occurred e.g. the egg lay on the leaf on Sunday.	Success Criteria: -I can sort and order the days of the week correctlyI can identify an activity I do during the week and name the day.  Learning Task: -sing the days of the week song <a href="https://www.youtube.com/watch?v=HtQcnZ2JWsY">https://www.youtube.com/watch?v=HtQcnZ2JWsY</a> -write the days of the week out for your childcut the names up and sort these in orderchoose a day and talk about an event your child does on that day e.g. swimming, before/after school care etc.	Success Criteria: I can name all four seasons and represent the seasons with a drawing.  Learning Task: -sing https://www.youtube.com/watch?v=TotB6fCAgGg -divide a piece of paper into four by folding itrepresent 1 season in each section by drawing one picture for each season e.g. summer, autumn, winter, springname the months that the season occurs.	Success Criteria: I can name all four seasons and represent them by drawing the items of clothing I would wear.  Learning Task: Do the months of the year macarena- https://www.youtube.com/watch?v=aOY5YuBgUHg -divide a piece of paper into four by folding itdraw a picture of items of clothing you would wear in each season e.g. summer-swimmers, hat, sunglasses representname the months that the season occurs.

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