- Measurement & Geometry

Position			
utcomes arly Stage 1 describes mathematical situations using everyday language, actions, materials and informal recordings MAe-1WM describes position and gives and follows simple directions using everyday language MAe-16MG		Language position, between, next to, behind, inside, outside, left, right, directions.	
Syllabus p65 There are two main ideas for students in Early Stage 1: following an instruction to posit themselves. Some students may be able to describe the position of an object in relation In Early Stage 1, students use the terms 'left' and 'right' to describe position in relation the the position of an object from the perspective of a person facing in the opposite direction	n to themselves but not in relation to another object. to themselves. They are not expected to use the terms 'left' an		
Teaching and Learning Activities	Notes/ Future Directions/Evaluation	Date	
Barrier Games Have students working in pairs to give and follow a variety of instructions.			
Creative Dance – children make up their own movements and explain to others using the language of position.			
Dancing Perform a variety of dances, e.g. Hokey Pokey, reinforcing the concepts of left, right, next to, behind etc.			
Digital Photos Take pictures of students in your class demonstrating position and create a class			

display e.g. John is under the chair.	
Following Instructions	
 Start with one instruction eg "Put the pencil beside your book" Add an outra instruction eg "Put the vallour papel under the shair and the blue 	
 Add an extra instruction eg "Put the yellow pencil under the chair and the blue pencil on the table". 	
 Keep adding an extra instruction until the child cannot complete the sequence. 	
• Keep adding an extra instruction drifti the child cannot complete the sequence.	
Follow the Leader	
Can be played incidentally while walking from one location to another. The leader	
should be encouraged to walk in and out, over and under, around, left and right,	
while the class follows.	
Forwards Backwards	
Students make a mark on the playground to stand as a starting point. The teacher	
calls the instructions:	
 Take two steps forward 	
- Turn to face the tree	
 Take three steps back etc. 	
Here, There, Where	
(Playground game).	
Teacher calls:	
Here – children move to the teacher	
 There – away from the teacher (to a set object/place or in a set way eg 	
backwards)	
• Where – children run anywhere, on the spot (or another activity that's been set	
eg sit down).	

 In front of/ Behind Using classroom situations to reinforce position eg stand in front of your partner, stand behind your chair etc. Lining up behind the leader etc. 	
 In – Out Put teddies in set positions eg. In the circle, in the pencil tin etc Hoops- students stand in/out of a hoop. Lunchboxes in/out of bags etc. Hokey pokey dance Cat and Mouse Game 	
Line-up Have a group of students fit into a designated part of a line. For example: - "Stand in the middle of the line, - Stand next to the shortest person, - Stand behind someone with red hair.	
Mazes Draw a chalk maze on the concrete. Students take turns to give directions to their partner to follow the maze. EXTENSION: introduce numbers to specify steps, e.g. forward 3, left turn, forward 6.	
Encourage students to discuss the pathways and movements. More language can be drawn out of the games by having the leader call out the movements for the players to follow. Students should have experience of being the leader. Teacher can also be the leader and use this as an opportunity to model the language of position.	

Obstacle Course Set up an obstacle course using a variety of sporting equipment eg ropes, hoop[s, witches hats. Students invent ways to complete obstacle course and describe the path and movements they used. Students can try to copy the path that another student described.	
Over, Under and Through	
Set up an obstacle course using PE or fixed equipment where students go over/under/through the equipment. (Students could create their own path and explain it for the class to follow)	
Set classroom tables and chairs into pathways so students can follow the leader and go under/over tables/chairs.	
Pictures Follow instructions to complete a simple picture using Paint or TuxPaint.	
Rhymes/Books	
Recite and discuss nursery rhymes and stories that contain reference to position. Eg Hickory, Dickory, Dock; Lion Hunt, Eye Spy.	
Robots	
Play robots in pairs – give commands like forward, back, turn right, turn left and stop. Take turns.	
Rolling Races	
Students roll objects down a ramp and describe the position of each object.	

	· · · · · · · · · · · · · · · · · · ·
Search Find an object hidden in the classroom by following directions.	
 Sequencing Place objects in a given sequence. Eg when stringing beads on a string – 'place the green bead <i>behind</i> the blue bead' 	
• Place the triangle <i>above</i> the circle and <i>below</i> the square.	
Simon Says	
Focusing on the use of instructions based on positional language.	
Simple Dances	
Hokey Pokey	
The Grand Old Duke Of York	
Oh Suzanna	
We're Going on a Bear Hunt	
Read the book or sing the song and have the children act out. Discuss the language of position.	
- Children are asked to find a place to stand in the classroom	
- Children asked to describe position (where they are) in comparison to	
objects/other children.	
Using Technology to Teach Mathematics	
Mathletics	
Where is it?	
Story Books	
- 5 little ducks by Wendy Straw	
 Rosie's walk by Pat Hutchins 	
- Anno's journey by M. Anno	
- Mr Archimede's bath by Pamela Allen	
- Who sank the boat by Pamela Allen	

Other Activities	