

Maths : Space, Shape and Measure

Selection of linked objectives and ideas for supporting child development	Early Learning Goals	Useful Books
<p>Spatial Awareness</p> <ul style="list-style-type: none"> • Uses spatial language, including following and giving directions, using relative terms and describing what they see from different viewpoints • Investigates turning and flipping objects in order to make shapes fit and create models; predicting and visualising how they will look (spatial reasoning) • May enjoy making simple maps of familiar and imaginative environments, with landmarks 	<ul style="list-style-type: none"> <input type="checkbox"/> There are no ELG's for shape, space or measure <input type="checkbox"/> We are requested to continue with shape space and measure in order to develop spatial reasoning skills through shape, space, measure and pattern activities 	
<p>Shape</p> <ul style="list-style-type: none"> • Uses informal language and analogies, (e.g. <i>heart-shaped and hand-shaped leaves</i>), as well as mathematical terms to describe shapes • Enjoys composing and decomposing shapes, learning which shapes combine to make other shapes • Uses own ideas to make models of increasing complexity, selecting blocks needed, solving problems and visualising what they will build 		
<p>Pattern</p> <ul style="list-style-type: none"> • Spots patterns in the environment, beginning to identify the pattern "rule" • Chooses familiar objects to create and recreate repeating patterns beyond AB patterns and begins to identify the unit of repeat 		

Measures

- Enjoys tackling problems involving prediction and discussion of comparisons of length, weight or capacity, paying attention to fairness and accuracy
- Becomes familiar with measuring tools in everyday experiences and play
- Is increasingly able to order and sequence events using everyday language related to time
- Beginning to experience measuring time with timers and calendars