

**Curricular Area: Numeracy/ Fractions      Level: 1st**



<p><u>Experience and Outcomes</u> Show that as the denominator increases the fraction gets smaller. Show Where fractions lie on a number line. <u>Learning Outcome</u>  Children will Demonstrate their understanding of sharing by dividing the playground equally between different numbers of groups. Halves, quarters and eights. Draw chalk number lines 0-1 and plot fractions at the correct points along the number line.</p>	<p><u>Resources</u> Children to occupy spaces on playground. Chalk at least 3 colours, stones , sticks or rulers to mark off number lines. Timers</p>
<p><u>Activity:</u> With the children, identify and mark off an area of the playground to share. Square or rectangle to start. Ask them to form a human line to divide the space in half. Compare the two halves. Time two children walking around perimeter of each half. Repeat with quarters. Ask children to compare timing for half and quarter. (because a quarter is smaller than a half so takes less time). Ask what will happen when we divide space into eights: Longer or shorter, Why? Working in pairs ask the children to draw a number line 0-1. Use one colour chalk to estimate where to show <math>\frac{1}{2}</math>. Use a different colour to estimate and mark <math>\frac{1}{4}</math> and a third colour to mark <math>\frac{1}{8}</math>. Teacher calls other fractions, <math>\frac{5}{8}</math>, <math>\frac{3}{4}</math> etc and children take turns to stand on the number line. Partner agrees or disagrees and adjusts. Teacher checks.</p>	<p><u>Assessment</u>  <u>Photographs</u></p>