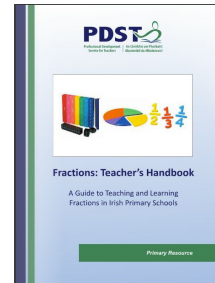
















Fractions: Teacher's Handbook








Guide to ICT Hyperlinks

Free download of manual from www.pdst.ie/number



Manual Page # & Interactive Link	Description	Hyperlink
<p>Pg. 42</p> 	<p>Explore number concepts, fractions, measurement and more with this multi-purpose Maths Manipulative of number bars that can be dragged onto a grid</p>	<p>http://www.mathplayground.com/mathbars.html</p>
<p>Pg. 43</p> 	<p>Task: Coloring Triangles & Squares Color the inside of each triangle green. Color the squares yellow.</p>	<p>http://nlvm.usu.edu/en/nav/frames_asid_277_g_1_t_3.html?open=activities&from=topic_t_3.html</p> <p> This will not work in Google Chrome. A Java enabled web browser is required e.g. Internet Explorer</p>
<p>Pg. 44</p> 	<p>Build patterns, create and solve critical thinking problems, and explore geometric shapes</p>	<p>http://www.mathplayground.com/patternblocks.html</p>
<p>Pg. 45</p> 	<p>Virtual manipulative that can be used to work with fractional parts of a circle or a square</p>	<p>http://nlvm.usu.edu/en/nav/frames_asid_274_g_2_t_1.html?open=activities&from=category_g_2_t_1.html</p> <p> This will not work in Google Chrome. A Java enabled web browser is required e.g. Internet Explorer</p>

<p>Pg. 47</p> 	<p>Fractions - Comparing – Judge the size of fractions and plot them on a number line</p>	<p>http://nlvm.usu.edu/en/nav/frames_asid_159_g_2_t_1.html?from=category_g_2_t_1.html</p> <p> This will not work in Google Chrome. A Java enabled web browser is required e.g. Internet Explorer</p>
<p>Pg. 48</p> 	<p>An interactive version of a game (based on the work of Akers, Tierney, Evans, and Murray 1998) to support students' learning on how fractions are related to a unit whole, comparing fractional parts of a whole, and finding equivalent fractions</p>	<p>http://illuminations.nctm.org/Activity.aspx?id=6637</p>
<p>Pg. 55</p> 	<p>Explore fraction concepts with fraction bars</p>	<p>http://www.mathplayground.com/Fraction_bars.html</p>
<p>Pg. 57</p> 	<p>Matching number line values to pictorial representations</p>	<p>http://www.shodor.org/interactivate/activities/FractionPointer/</p>
<p>Pg. 68</p> 	<p>Illustrates what it means to find a common denominator and combine</p>	<p>http://nlvm.usu.edu/en/nav/frames_asid_106_g_2_t_1.html?from=category_g_2_t_1.html</p> <p> This will not work in Google Chrome. A Java enabled web browser is required e.g. Internet Explorer</p>
<p>Pg. 70</p>	<p>Interactive game called ‘Diffy’ (set to fractions at the bottom of the screen). Task involves filling in the fraction</p>	<p>http://nlvm.usu.edu/en/nav/frames_asid_326_g_3_t_1.html</p> <p> This will not work in Google Chrome. A Java enabled web browser</p>

 <p>70</p>	<p>differences until full circular track is complete.</p>	<p><i>is required e.g. Internet Explorer</i></p>
<p>Pg. 72</p> 	<p>Find different names for the two fractions using the same number of division pieces</p>	<p>http://nlvm.usu.edu/en/nav/frames_asid_159_g_3_t_1.html?form=search.html?qt=fractions</p> <p> <i>This will not work in Google Chrome. A Java enabled web browser is required e.g. Internet Explorer</i></p>
<p>Pg. 81</p> 	<p>Teaching tool with 'show me' and 'test me' options</p>	<p>http://nlvm.usu.edu/en/nav/frames_asid_194_g_2_t_1.html?form=category_g_2_t_1.html</p> <p> <i>This will not work in Google Chrome. A Java enabled web browser is required e.g. Internet Explorer</i></p>
<p>Pg. 86</p> 	<p>Selection of Ratio and Proportion problems UK based Stage 1= 5yrs-7yrs Stage 2= 7yrs-11yrs</p>	<p>http://nrich.maths.org/thismonth/all/2006/02</p>
 <p>scoilnet</p>	<p>Fractions theme page from Scoilnet</p>	<p>https://www.scoilnet.ie/primary/home-pages/fractions/</p>