

Numeracy - 'I Can' Statements

Level 5

My name is

Dates Completed

5c	Yes I can do this target - please tick and date			Teacher confirmed (date)
I can order, add and subtract negative numbers in problems.(MA2)				
I can round a decimal to the nearest decimal place.(MA2)				
I can order more complex fractions such as 17/20, 14/25, 27/50 by changing each to a common denominator.(MA2)				
I can use an appropriate written method to multiply and divide any 3 digit number by any 2 digit number.(MA2)				
I can read and plot co-ordinates in the four quadrants. (MA2)				
I can make generalisations about sequences saying whether much larger numbers will be in the sequence or not.				
5b				
I can check solutions by estimating first or using an inverse operation.(MA2)(MA1)				
I can show my working or my method when using a calculator to solve 3 step problems or complex problems.(MA2)				
I can \times & \div whole numbers and decimals by 10, 100 & 1000.(MA2)				
I can use all 4 operations in calculations involving 2 decimal places. (MA2)				
I can find simple fractions and percentages of quantities and measurements using a calculator when necessary. e.g. find $\frac{2}{3}$ of 75 or 80% of £5.(MA2)				
I can use an appropriate written method to solve $x \div$ problems involving any 3 digit number.				
5a				
I can solve problems involving ratio and proportion.(MA2)				
I can apply the inverse operation.(MA2)				
I can reduce fractions to their simplest form using common factors.(MA2)				
I can solve questions involving brackets. (MA2)				
I can order, add and subtract negative numbers.				
I can order a variety of fractions by converting them into decimals or percentages and vice versa.(MA2)				
I can create and use simple formulae involving one or two operations.(MA2)				

Maths - 'I Can' Statements
Level 5c



<p>I can order fractions and decimals.</p>	<p>Choice fractions or decimals http://www.wmnet.org.uk/wmnet/custom/files_uploaded/uploaded_resources/851/Higher&Lower-Reveal&Orderv4.swf Try the medium and hard level. http://www.funbrain.com/ofm/index.html</p>
<p>I can order, add, subtract negative numbers in problems.</p>	<p>BBC Negative Numbers www.bbc.co.uk/skillswise/numbers/wholenumbers/whatarenumbers/negativenumbers/ Negative Numbers - Temperature www.icteachers.co.uk/resources/numeracy/negnum.ppt Space Coupe to the Rescue http://pbskids.org/cyberchase/games/negativenumbers/negativenumbers.html Ordering negative numbers - numbers -10 to +10 http://www.wmnet.org.uk/wmnet/custom/files_uploaded/uploaded_resources/851/Higher&Lower-Reveal&Orderv4.swf Ordering negative numbers http://www.primaryresources.co.uk/online/negnumorder.swf Learn about negative numbers using factsheet 1 and 2 http://www.bbc.co.uk/skillswise/numbers/wholenumbers/whatarenumbers/negativenumbers/factsheet.shtml</p>
<p>I can round a decimal to the nearest decimal place.</p>	<p>Rounding off - a game that asks you to round numbers to the nearest whole number, ten or hundred http://www.bbc.co.uk/education/mathsfile/shockwave/games/roundoff.html</p>

<p>I can order more complex fractions such as $\frac{17}{20}$, $\frac{14}{25}$, $\frac{27}{50}$ by changing each to a common denominator.</p>	<p>Order simple fractions on a number line http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/fractions/level4.htm Complex fractions http://www.mathwarehouse.com/complex-fractions/ Try the medium and hard level http://www.funbrain.com/cgi-bin/fob.cgi?A1=s&A2=1 http://www.primarygames.co.uk/pg3/hilofrac/newhilowed.html</p>
<p>I can find simple fractions and percentages of quantities and measurements using a calculator when necessary. e.g. find $\frac{2}{3}$ of 75 or 80% of £5.</p>	<p>Try these games http://www.bbc.co.uk/schools/ks2bitesize/maths/activities/percentages.shtml http://www.bbc.co.uk/schools/ks2bitesize/maths/revision_bites/percentages.shtml http://www.bbc.co.uk/schools/ks2bitesize/maths/tests/percentages.shtml http://www.bbc.co.uk/schools/ks2bitesize/maths/activities/fractions.shtml http://www.bbc.co.uk/schools/ks2bitesize/maths/revision_bites/fractions.shtml http://www.bbc.co.uk/schools/ks2bitesize/maths/tests/fractions.shtml Percentages on a 100 square www.bbc.co.uk/apps/ifl/skillswise/mod_quizzes/numbers/fractiondecimalpercentage/percentages/introduction/quizengine? Choose any percentage http://www.mathplayground.com/balloon_invaders_percent.html</p>
<p>I can use an appropriate written method to multiply and divide any 3 digit number by any 2 digit number.</p>	<p>Look at the information http://www.bbc.co.uk/schools/ks3bitesize/maths/number/whole_numbers_2_intro.shtml then do the test http://www.bbc.co.uk/schools/ks3bitesize/maths/number/whole_numbers_2_intro.shtml</p>

<p>I can read and plot co-ordinates in the four quadrants.</p>	<p>Find the aliens http://www.flashymaths.co.uk/swf/alien.swf Identifying co-ordinates in 4 quadrants http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks3/maths/coordinate_game/index.htm Billy Bug - Can you find where Billy Bug has hidden his grubs? http://www.primarygames.co.uk/pg2/bug2/bug2.html</p>
<p>I can construct triangles using a ruler and protractor, with lines drawn to the nearest mm and angles to the nearest degree.</p>	<p>Learn about the different types of triangles http://www.primaryresources.co.uk/maths/powerpoint/Different_Types_of_Triangles.swf</p>
<p>I can find the area or perimeter of simple L shapes when given some edge lengths.</p>	<p>Look at the information http://www.bbc.co.uk/schools/ks3bitesize/maths/measures/perimeter_1_4.shtml then do the test http://www.bbc.co.uk/schools/ks3bitesize/maths/measures/perimeter_1_test.shtml Try level 2 and 3 and play both games area and perimeter http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/perimeter_and_area/index.html</p>
<p>I know the angle sum of a triangle and that of angles about a point.</p>	<p>Test your angle estimating then use the protractor to measure angles http://www.crick.northants.sch.uk/assets/Flash%20Studio/cfsmaths/angle/angle.html Shoot the alien spaceship by calculating the angles around the point http://www.innovationslearning.co.uk/subjects/maths/activities/year6/angles/game.asp Investigate and test your use of protractors http://www.amblesideprimary.com/ambleweb/mentalmaths/protractor.html Missing Angles - calculate the missing angles http://www.primaryresources.co.uk/maths/powerpoint/missing_angles.swf</p>

<p>I can find the mode, median, mean and range of any set of numbers.</p>	<p>Click on mode, median, mean and range http://www.bbc.co.uk/schools/ks3bitesize/maths/handling_data/measures_intro.shtml then do the test http://www.bbc.co.uk/schools/ks3bitesize/maths/handling_data/measures_test.shtml</p>
<p>I understand and use probability scale from 0 to 1.</p>	<p>http://www.bbc.co.uk/schools/ks2bitesize/maths/revision_bites/probability2.shtml www.emaths.co.uk/powerpoint/datastats/ABProbability.ppt</p>