

# **MEASUREMENT**

## **Introduction/Tutorials:**

<http://www.aaamath.com/mea.html> (Pages teach measurement operations in K-8, there are explanations about the measurements, interactive games and challenges games, goes into temperature, volume, length, mass and temperature.)

<http://www.edhelper.com/math.htm> (Worksheets for 3-5, Measurement)

## **Metric Terms**

<http://www.aaamath.com/B/mea212x2.htm> (metric prefixes)

## **Mass/Weight**

<http://oncampus.richmond.edu/academics/education/projects/webunits/measurement/mass1.html> (definition of mass, conversions, practice, when to use each unit)

<http://www.aaamath.com/B/mea612x3.htm> (converting between metric units of mass)

<http://www.bbc.co.uk/education/mathsfile/shockwave/games/animal.html>

(Animal Weigh In - Do you know your kilograms from your pounds?)

## **Length/Height**

<http://www.funbrain.com/measure/index.html> – (“Measure It” -practices measuring centimeters and inches)

<http://www.aaamath.com/B/mea69x10.htm> (metric lengths)

<http://www.aaamath.com/B/mea69x11.htm> (converting US lengths)

[http://www.onlineconversion.com/faq\\_05.htm](http://www.onlineconversion.com/faq_05.htm) (reading a standard and metric ruler)

<http://www.rickyspears.com/rulergame/> (practice reading measurements, up to 1/16<sup>th</sup>)

## **Volume**

[http://www.aaamath.com/B/mea69\\_x3.htm](http://www.aaamath.com/B/mea69_x3.htm) (US volumes, measuring and conversions)

<http://www.mcwn.org/Geometry/Volume.html> (definition of volume, includes a site for a quiz on volume)

## **Capacity**

## **Area and Perimeter**

<http://www.funbrain.com/poly/index.html> – (“Shape Surveyors” - practices measuring area and perimeter, levels of difficulty can be chosen.)

<http://www.mcwn.org/Geometry/Perimeter.html> - (definition of perimeter, how to calculate perimeter for polygons, circles, also includes a site for a perimeter quiz, 5<sup>th</sup> grade)

<http://www.mcwn.org/Geometry/Area.html> (definition of area, how to calculate area for quadrilaterals, triangles, also includes a site for an area quiz, 5<sup>th</sup> grade)

<http://www.scienceacademy.com/BI/index.html> (practice perimeter problems through an online basketball game – you must continue to click perimeter in the table of contents for perimeter problems)

<http://www.iit.edu/~smile/ma9530.html> (lesson plan that uses two digit multiplication using math facts and legoes to find the areas of rectangles and squares)

## **Temperature**

## **Time**

<http://mathforum.org/library/drmath/view/59058.html> (explains time, reading an Analog clock)

<http://www.teachingtime.co.uk/index.html> (reading clocks, practice telling time worksheets)

[http://www.matti.usu.edu/nlvm/nav/frames\\_asid\\_316\\_g\\_2\\_t\\_4.html](http://www.matti.usu.edu/nlvm/nav/frames_asid_316_g_2_t_4.html) (virtual manipulative in telling time)

[http://www.matti.usu.edu/nlvm/nav/frames\\_asid\\_317\\_g\\_2\\_t\\_4.html](http://www.matti.usu.edu/nlvm/nav/frames_asid_317_g_2_t_4.html) (virtual manipulative in telling time)

[http://www.matti.usu.edu/nlvm/nav/frames\\_asid\\_318\\_g\\_2\\_t\\_4.html](http://www.matti.usu.edu/nlvm/nav/frames_asid_318_g_2_t_4.html) (practice in elapsed time)

## **Money:**

<http://www.aplusmath.com/cgi-bin/flashcards/money> (money flashcards, calculating amounts of money)

<http://www.aplusmath.com/cgi-bin/Worksheets/OnlineMoney> (online and printable money worksheets)

<http://www.funbrain.com/cashreg/index.html> (adding, subtracting money amounts)

## **Worksheets:**

[http://www.edhelper.com/math/capacity\\_fg1999.htm](http://www.edhelper.com/math/capacity_fg1999.htm) (capacity worksheet)

<http://www.edhelper.com/logic/Logic31.htm> (perimeter worksheet)

<http://www.edhelper.com/logic/Logic30.htm> (length and perimeter worksheet)