

## Third Grade Benchmarks

The following cards can be used as a guide for instruction for Math Benchmark testing which will be done on Odyssey according to the dates listed :

**Benchmark 1: October 27 – November 14**

**Benchmark 2: January 12 – 30**

**Benchmark 3: March 23 – April 9**

\* Note: the first nine weeks we pulled second grade objectives to build the first benchmark test because the third grade objectives were too broad, but all third grade objectives were covered.

This is the link where you can go to print off a copy of the 3<sup>rd</sup> grade Math curriculum map.

<http://wvschools.com/harrisoncounty/ecmmath/ecmmath.html>

This curriculum map needs to be followed because the benchmark tests are built according to this map. This curriculum map lists each objective and the investigation unit and Scotts Foresman text pages to teach. The Odyssey lessons and vocabulary are also listed.

### **Third Grade Math Benchmark 1 - Dates: October 27 – November 14**

**M.O.2.1.9** Subtract whole numbers (renaming)

**M.O.2.1.1** Read/write/order/compare numbers to 1000 using strategies

**M.O.2.1.10** Model 2-/3-digit addition/subtraction with regrouping

**M.O.2.1.11** Add and subtract 2- and 3-digit numbers without regrouping

**M.O.2.1.13** Create story problems that require one or two-step procedures

**M.O.2.1.4** Model/identify place value of digit using standard/expanded form

**M.O.2.1.9** Demonstrate quick recall of basic addition/subtraction facts

*These are the third grade objectives that should be taught before the first benchmark test.*

**M.O.3.1.1** Read/write/order and compare numbers to 10,000

**M.O. 3.1.3** Identify place value of each digit utilizing standard and expanded form to 10,000

**M.O. 3.1.4** Apply estimation skills to evaluate reasonableness of answers

**M.O. 3.1.14** Create grade appropriate real world problems

**M.O.3.2.1** Analyze and extend geometric and numeric patterns

**M.O.3.2.4** Write equivalent numerical expressions

### **Third Grade Math Benchmark 2 - Dates: January 12 – 30**

**M.O.3.1.10** Use/explain operations of multiplication/division

**M.O.3.1.11** Recall basic multiplication facts/corresponding division facts

**M.O.3.1.13** Use models to demonstrate division of 2/3 digit number by 1-digit

**M.O.3.1.8** Add/subtract 2/3digit whole numbers/money with/without regrouping

**M.O.3.1.9** Demonstrate and model multiplication and division

**M.O.3.2.2** Create input/output model using four operations

**M.O.3.2.3** Analyze a given pattern and write the rule

**M.O.3.2.5** Use symbol/letter variables to represent quantity/determine value

**M.O.3.4.4** Read time to 5-minute intervals/compute elapsed time to quarter

**M.O.3.4.5** Identify/count/organize coins/bills to display variety of values

**M.O.3.5.1** Collect/organize data identify/construct ways to display data

**M.O.3.5.3** Analyze real-world data represented on a graph using questions

### **Third Grade Math Benchmark 3**

Dates: March 23 – April 9

- M.O.3.3.1** Identify/create polygons by transforming /combining/decomposing
- M.O.3.3.2** Classify geometric solids according to faces/edges/vertices
- M.O.3.3.3** Construct and identify a solid figure from a plane drawing
- M.O.3.3.4** Identify/describe/draw lines of symmetry in two-dimensional shape
- M.O.3.3.5** Model/describe/draw geometric figures
- M.O.3.3.6** Draw example of flip/slide/turn given a model
- M.O.3.3.7** Name the location of a point on a first-quadrant grid
- M.O.3.4.1** Estimate/measure/ compare/order common measurements of objects
- M.O.3.4.2** Estimate and find the perimeter and area of geometric shapes
- M.O.3.4.3** Determine formula the area of rectangle/explain reasoning