2012-2013 Curriculum Map

***Science/Social Studies Grade 4- Tolland Intermediate School***

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| August/September*22 Days* | **October***21 Days* | **November***18 Days* | **December***14 Days* | **January***21 Days* |
| ***Science Unit: Soils (22 days)**** Intro to soil
* Setup plants for lesson 4
* Types of soil
* Components of soil
* Properties of soil/water holding capacity
* Soil layers
* Horizons/parent material
 | * Soil erosion by water
* Soil erosion by wind
* Effects of erosion

*Soils Benchmark Test Window October 10-12th**Post to MM by 19 Oct 12****Social Studies Unit: Northeast/Recycling (26 days)*** * Map terms/skills review (based on pre-test)
* Set-up “Sanitary landfill in a bottle”
* What is a region?
* Major states, cities, landforms, bodies of water
* Compare special use maps- physical, political, land use, natural resources, population density
 | * Natural, human, capital resources
* Population & settlement patterns depend on geography & resources of NE
* Why is NE a region?

NE Recycling (10 days)* Integrate lessons 1-7 into NE Unit
* Waste disposal
* Types/Sources of waste
* Sanitary landfill/Dump
* Recycling Center Field trip

*NE/Recycling Benchmark Test Window Nov 26 – Nov 30**Post to MM by 12/6/12* | **Soggy Paper**Begin by 5 Dec 12Science Process: CMT Embedded Lab: Soggy Paper Lab (5 days) & Assessment by 12/21/12*Post to MM by 4 Jan 13*  | ***Science Unit: Weather (26 days)**** Atmosphere
* Air pressure
* Air pressure changes /temp /elevation /amt water vapor
* Properties of air
* States of Water
* Indirect/direct heating
* Wind
 |
| February*18 Days* | **March***20 Days* | **April***17 Days* | **May***22 Days* | **June***10 Days* |
| * Water cycle

*Weather Benchmark Test Window Feb 11-13th**Post to MM by 22 Feb 13****Social Studies Unit: Southwest Region (20 days)*** * Major states, cities, landforms, bodies of water
* Compare special use maps-physical , political, land use, natural resources, population density
* Water supply & Colorado River
* Adapting to limited water supply
* Why is SW a region?

 SW Recycling (5 days)CR Recycling (5 days) | * Integrate lessons 11-13 into SW Unit
* Water conservation
* Environmental responsibility

*SW/Recycling Benchmark Test Window March 11-13**Post to MM by March 22, 2013* ***Social Studies Unit: Pilot Unit (22 days)*** * Natives and the Colonists, or
* Connecticut Government, or
* Properties of Economics
 | * Teachers will only do one of the listed units as a pilot for 2013-14
* Benchmarks will be given and scored, but not entered into Mastery Manager. They will be assessed as pilot benchmarks and revisions will be planned

*Pilot Unit Benchmark Test April 9-12***Vacation April 15-19*****Science Unit: Food Webs & Adaptations (33 days)***Energy flow thru ecosystem* Land & water habitats
 | * Science Day
* Organisms depend on one another
* Decomposition
* Predator/prey relationship
* Decomposers
* Human impact
* Food Webs
* Food chains
* Human Impact/Endangered Species
 | * Animal Adaptations- Land & water
* Plant Adaptations- Land & water

*Food Webs & Adaptations Assessment(s) done by June 5-7th* *Post to MM by 14 Jun 13***Original last Day of School****Friday 6/14/2013** |