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 12  Science 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** |