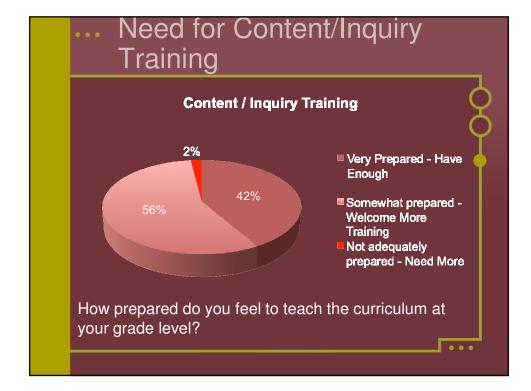
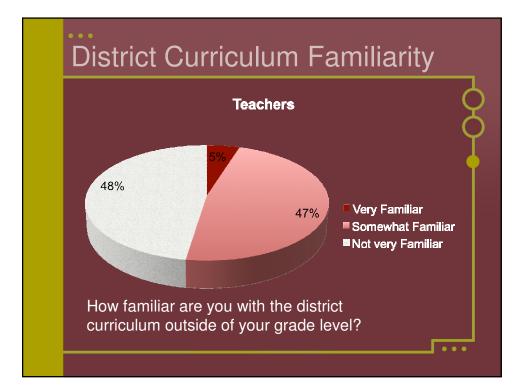


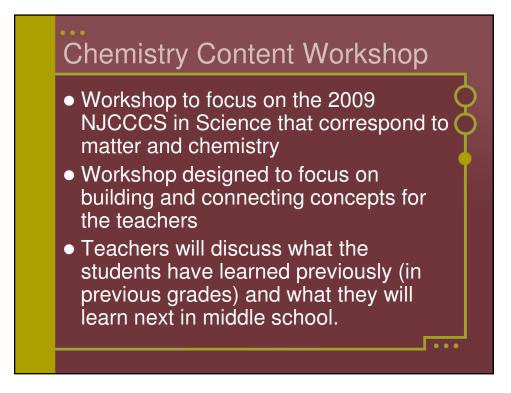
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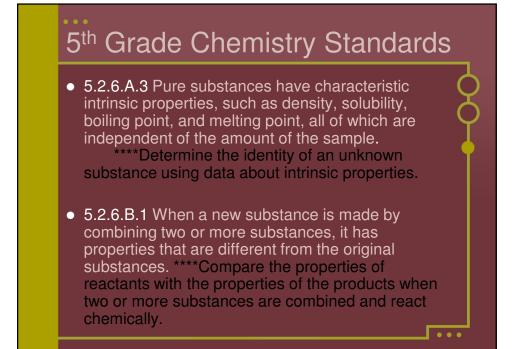


- Teacher Content Training Utilize our own science experts at the middle/high school level to train elementary teachers on the science content behind what they teach
- First Content Focus became 5<sup>th</sup> grade chemistry
  - Chosen based on significant absence of chemistry/properties of matter in elementary curriculum, as well as informal conversations and general feeling of "nervousness" coming from 5<sup>th</sup> grade teachers in that content area



## 5<sup>th</sup> Grade Chemistry Standards

- 5.2.6.A.1 The volume of some objects can be determined using liquid (water) displacement.\*\*\*\*Determine the volume of common objects using water displacement methods.
- 5.2.6.A.2 The density of an object can be determined from its volume and mass.
  \*\*\*\*Calculate the density of objects or substances after determining volume and mass.



## PLC 3-Year Goals

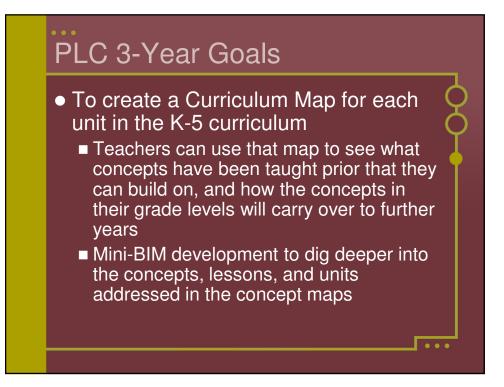
- To develop a coherent K-5 Science curriculum that uses Big Idea Thinking, Understanding by Design, vertical articulation, and the 2009 science standards
  - Analyze new 2009 Standards and "unpack" the standards in relation to our current curriculum
  - Review student data and survey analysis as it pertains to Curriculum development
    - Use that data to drive curriculum decisions

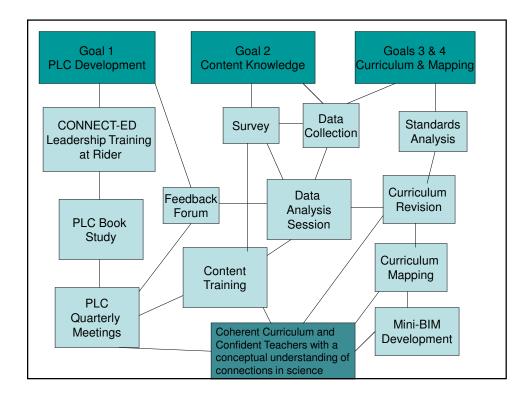
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- 6/24 & 6/25 held our curriculum development workshop
- Middle School and High School teachers worked with elementary teachers to develop curriculum
- Focus on conceptual support for curriculum writers
- Chose resources, developed lessons, wrote benchmark assessments, noted interdisciplinary connections





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