

Concept Mapping as a tool for meaningful learning and helping students learn how to learn

Professional Development Workshop

August 23, 2014

Lead by James Gorman (jms.gorman@gmail.com)

Hosted by Dr. Valentin Voroshilov (valbu@bu.edu)

Sponsored by Boston University's Physics Department

Morning Session - Proposed Schedule

9:00 – 9:10 AM	Welcome and Introductions
9:10 – 9:30 AM	PowerPoint on the origins and nature of concept maps - Dr. Joseph Novak
9:30 – 10:15 AM	Hands-on CmapTools activity – Cmap focus question: “Who am I?”
10:15 – 10:30 AM	Break
10:30 – 10:45 AM	National & state level conceptual maps presentation
10:45 – 11:15 AM	Strand map scavenger hunt
11:15 – 11:30 PM	Concept Maps to Align Local Curriculum with State Standards presentation
11:30 – 12:00 PM	From Bolders to gravel - Concept mapping alignment activity

LUNCH – on your own

Afternoon Session - Proposed Schedule

1:00 – 1:15 PM	Teacher's Critical Thinking And Topic Order presentation
1:15 – 2:00 PM	Course or Unit Organizer activity
2:00 – 2:15 PM	Concept Mapping Positively Impacts Presentations (PowerPons and Texts)
2:15 – 2:30 PM	Break
2:30 – 2:45 PM	Concept Mapping to Facilitate Personal and Negotiated Meaning (Skeleton maps, & Bloom's Taxonomy)
2:45 – 3:15 PM	Expert Skeleton Map creation activity
3:15 – 3:30 PM	Evaluating Concept Maps For Evidence of Meaningful Learning
3:30 – 3:45 PM	Concept map assessment activity
3:50 – 4:00 PM	Session wrap up
4:00 PM	Session end – depart for home