

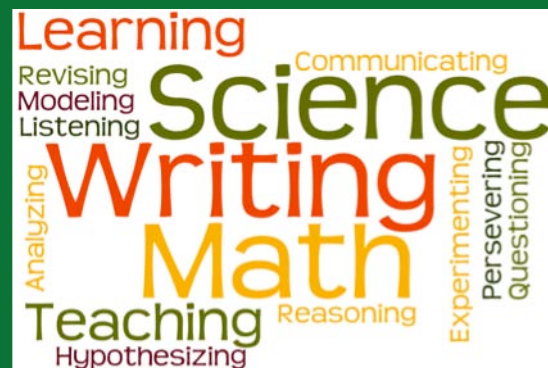
# Saturday Seminar

Presented by BASP/BAMP/BAWP

## Common Core Connections

Albany Middle School

Sept. 29, 2012



**8:30 am – 9:00 am: REGISTRATION**

**9:00 am – 10:15 am: KEYNOTE PRESENTATION**

### **Harold Asturias**

Director of The Center for Mathematics Excellence and Equity, The Lawrence Hall of Science

#### ***What's Common in the Common Core State Standards?***

46 states have adopted the Common Core Standards for Mathematics and English Language Arts. Also new are the set of Next Generation Science Standards. How will common standards affect teachers and students? In this session we will highlight some of the key points in each of the discipline standards, discuss commonalities and differences, and consider how these new standards will change teaching and learning.

**10:30 am – 11:30 am: WORKSHOPS**

#### **Science Workshop Grades K-5**

##### **Making the Common Core Connections in Science**

Joanna Totino, BASP, The Lawrence Hall of Science

Participants will engage in a short hands-on activity and then examine their grade levels' ELA Common Core Standards to find authentic connections with science.

#### **Math Workshop Grades 6-12**

##### **Sinking and Floating: Surfacing the Math**

Lew Douglas, BAMP, The Lawrence Hall of Science

Although students can usually identify the density formula  $d = m/v$ , they are not able to apply it. In the classroom-ready activities we will do, the mathematics concepts of ratio and proportion come alive because they are used in context. Though the activities are targeted for middle school, they can easily be adapted to high school.

**Writing Workshop Grades 3-12: Information on back.**

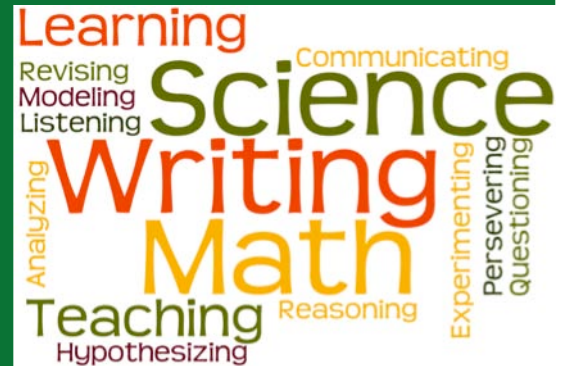
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### 10:30 am – 11:30 am: WORKSHOP

#### Writing Workshop Grades 3-12 (repeated at 11:40)

##### Writing Your Way into the Common Core

Page Hersey, Doctoral Candidate, USF

Participants examine two of the key shifts in the Common Core as an educational reform movement: writing to sources and making evidence-based arguments that rely on logical reasoning. Participants take a position on the impact of the Common Core, with a frame for writing an argument using multiple sources. A packet of texts, strategies, and writing activities serves as a model for what teachers can do with their students.

### 11:30 am – 11:40 am: BREAK

### 10:40 am – 11:40 am: WORKSHOPS

#### Science Workshop Grades 6-8

##### Making the Common Core Connections in Science

Sarah Pedmonte, BASP, The Lawrence Hall of Science

Participants will engage in a short hands-on activity and then examine their grade levels' ELA Common Core Standards to find authentic connections with science.

#### Math Workshop Grades 1-5

##### The Problem with Word Problems for English Learners

Harold Asturias, CeMEE, The Lawrence Hall of Science

The language in word problems poses particular challenges for English learners. During this session we will explore how problem stems and a "three read" strategy can help give English learners access to the mathematics of these problems.

### Writing Workshop Grades 3-12 (repeat from 10:30)

##### Writing Your Way into the Common Core

Page Hersey, Doctoral Candidate, USF

Participants examine two of the key shifts in the Common Core as an educational reform movement: writing to sources and making evidence-based arguments that rely on logical reasoning. Participants take a position on the impact of the Common Core, with a frame for writing an argument using multiple sources. A packet of texts, strategies, and writing activities serves as a model for what teachers can do with their students.