Science Education and Quantitative Literacy
Mathematics and Science Teachers of Grades 2 and 3

**Tuesday, July 22nd**

8:00 – 10:00  Workshop Session (GRADE SPECIFIC Groups)
Quantitative Literacy Activities
- Bears In A Cave
- Census Takers
- Outcomes Game

**Index Card** to include:
- Main concepts learned
- Areas that are confusing and/or difficult to master

10:00 – 10:15  Break

10:15 – 12:00  Workshop Session – (GRADE SPECIFIC Groups)
Quantitative Literacy Session
- Math Pre-Test Test
- Seed Soak
- Seed Sort
- Seed Travels

**Index Card** to include:
- Main concepts learned
- Areas that are confusing and/or difficult to master

12:00 – 12:45  Lunch

1:00 – 3:30  Workshop Session - (GRADE SPECIFIC Groups)
Science Activity
- Science Pre-Post Test
- The Big Spill
- Homework - Evaporation from a Sponge
- Where Did It Go?
- Hot Molecules
- A Cubic Meter of Matter
- The Big Bang
- Four Questions Activity: Rubber Bands

**Index Card** to include:
- Main concepts learned
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3:30 – 3:45  Break

Workshop Session - Room 315 and 316

**GRADE SPECIFIC Groups**

Reflect:
- Pre-Post Tests for Math and Science
- GLE’s the activities address
- how the activity can be adapted to the classroom teaching
- organizational/behavioral challenges presented by this activity
- challenges that exist for the different learning styles

**Assessment Tools**

**SCHOOL DISTRICT Groups**

Discuss reflections from **GRADE SPECIFIC Groups**:
- Pre-Post Tests for Math and Science
- GLE’s the activities address
- how the activity can be adapted to the classroom teaching
- organizational/behavioral challenges presented by this activity
- challenges that exist for the different learning styles

**Short Quiz for homework**