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

Wednesday, July 16th

8:00 - 10:00  Workshop Session (GRADE SPECIFIC Groups)
Quantitative Literacy Activities
- Check Homework
- Gate Keeper
- Geo-Line Plot
- Jumping Frog (create frog)

**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
- Stem and Leaf Plot (why use, procedure to create, how to interpret)
- Jumping Frog (contest, data collection, stem plot and interpretation)

**Index Card** to include:
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12:00 - 12:45  Lunch

1:00 - 3:30  Workshop Session - (GRADE SPECIFIC Groups)
Science Activity
- Magnets - What do you know?
- Magnets - What are they good for?
- Magnetic Attraction Experiment
- How a Compass Works
- Make a Floating Compass
- Magnetic Poles
- Magnetic Force Measurement

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3:30 - 3:45  Break

3:45 - 4:45  Workshop Session – Room 215 and 216
GRADE SPECIFIC Groups
Reflect:
- 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:
- 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