

Engaging Activities and the CCSSM Math Practices

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Precision Police

- Did I record the formula (if necessary)?
- Did I show my work?
- Did I label my answer?
- Did I circle or box my answer (if applicable)?

Speed Math

- Classroom activity that...
 - Has students interacting with a variety of peers.
 - Has students moving to increase brain activity.
 - Has students sharing strategies with one another.
 - Acts as a formative assessment of specific skills.



Speed Math Instructions

- Each student receives a blank Speed Math template.
- Half the students stay in seats for the first six problems while the other half rotate every 2 problems. (Switch who is moving for the second half)
- Problems are given on Power Point, document camera, white board or text.
- Students can compare previous answers with next partner.

Climb the Ladder

Classroom activity that...

- Can provide tiers of problems for students.
- Allows you to quickly assess where kids are getting stuck.
- Gives students an opportunity to fix mistakes.
- Provides opportunity to work together with peers.
- Can easily accommodate having peer tutors who have completed the ladders.



Climb the Ladder Instructions

- Four half-sheets are created. Each half-sheet is a little more difficult than the one before.
- Students acquire the first half-sheet (the first step of the ladder).
- When they have completed it, they bring it up front to be corrected.
- If any are missed, they are encouraged to work with peers to correct work. Must have work shown to move on to next ladder.
- Once all four ladder sheets have been completed correctly, students become peer tutors.

NOTE: It is helpful to use a different color of paper for each ladder stage so that you can spot who is struggling.

Displays

Classroom activity that...

- Allows for students to collaborate to complete a quality product.
- Encourages students to look at a real-world situation using different mathematics.
- Provides opportunity for students to present their final product.



Display Instructions

- Create different equations, contextual situations, graphs or tables.
- Students create all other aspects for their given information (i.e. If given a graph, create a contextual situation, table and equation for the graph).
- Students share out with class using their final product.