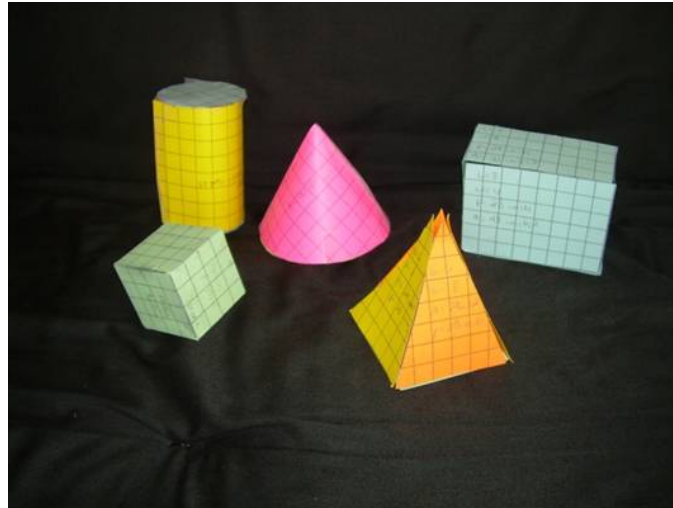


Reflecting on Practice Day 1



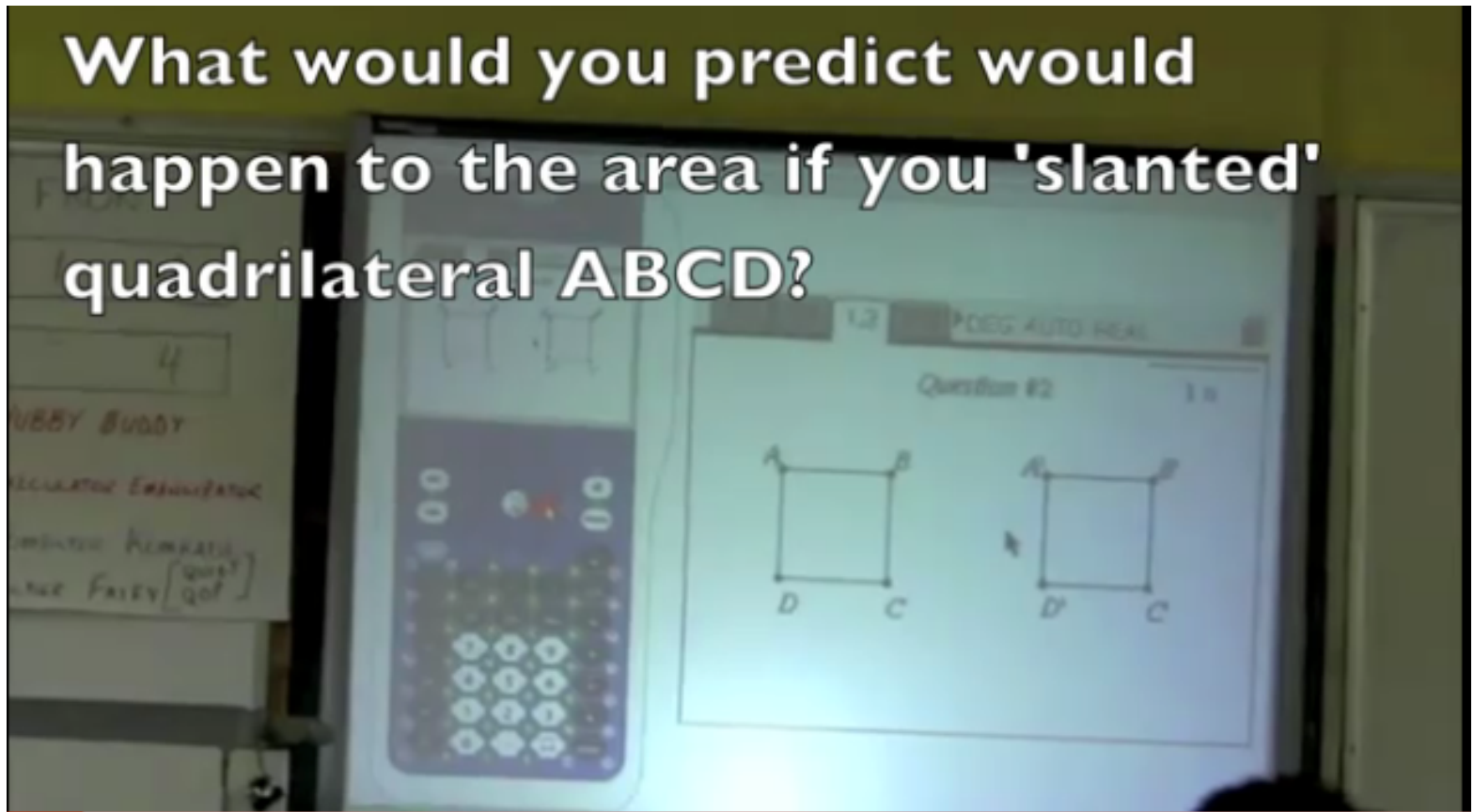


Introductions

Each person introduce yourself, where and what you teach, and share one discovery you made about Park City or PCMI on the Fourth of July to your tablemates

Math Problem

What would you predict would happen to the area if you 'slanted' quadrilateral ABCD?

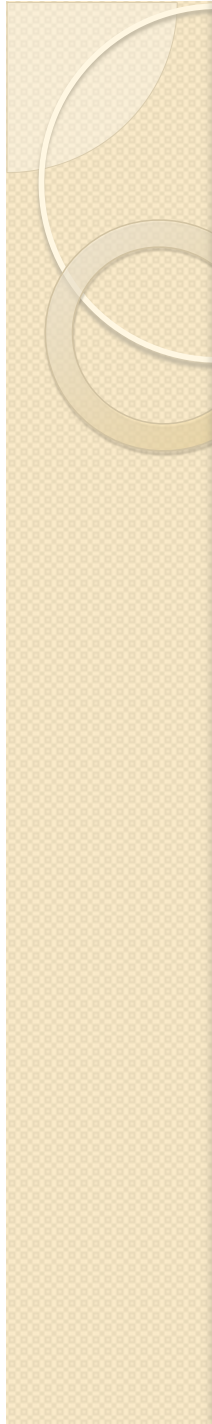




Writing

Spend a few minutes individually on these questions and write down your answers:

- What important mathematical skills/ concepts/topics are evident in this task?
- What important mathematical practices/ habits of mind are required to be successful on this task?



Each person at the table share one:

- Important mathematical skill/
concept/topic that is evident in
this task
- Important *mathematical practice*
required to be successful on this
task



Brandon's Video

This is a class of 7th graders. In an earlier problem, students learned that ABCD was a square by investigating multiple strategies (i.e. measuring lengths, angle measures, and number of lines of symmetry)



Teacher's Primary Mathematical Goals:

- Area of the quadrilateral is a function of the height and the base
- Make conjectures and build a logical progression of ideas (MP #3 from CCSS)



View Brandon's Video with Teacher Lens

After viewing the video, use a sentence strip to write:

I observed the teacher (*something the teacher prepared/did*)

Which enabled (*something that provides evidence of how students are thinking about the mathematics in the lesson*)



Sentence Strips

- Post your sentence strips on the wall
- Gallery Walk
- Discussion



View Brandon's Video through Student Lens

I observed (*something the students
said/did*)

And I believe/wonder (*something
about what the students did(not)
understand about the mathematics*).



You're the teacher: What would you do the next day?

- The questions/activities you would prepare before the next class
- Whether you would address student misconceptions, and how or why not
- How you might address mathematical goals of the lesson in a different way
- How you would organize discussion/class work (individual/group/whole-class)



Make a simple poster *briefly* describing:

- Outline your mathematical goals for the day
- Outline what will happen in class (what the teacher and student will do)



Homework

Access and edit the shared
google document
