

How Many Elephants Fit on the Moon?

Using Technology to Address Ill-Structured Problems in the Classroom

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Ways you can assist your students in using technology even when you are not using technology:

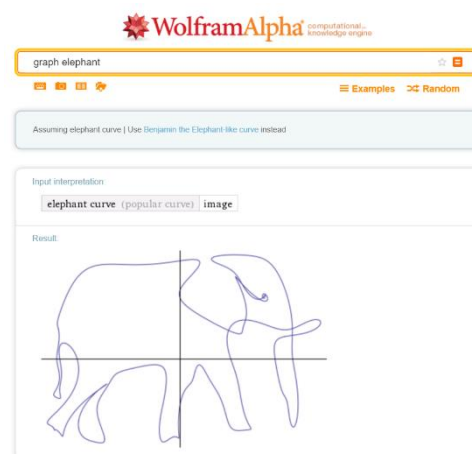
- Use precise terminology to describe the mathematical concepts you are using. Words such as "surface area", "vertex", or "intersection" are the same keywords that programmers will be using when designing the technologies your students will use.
- Use precise syntax in both the verbal and written portions of your class. Teaching your students the grammar of mathematics will allow them to precisely communicate what they are trying to compute using a technology. Remember a calculator only does what someone told it to do.

Mathematics technologies and resources used in today's session:

www.WolframAlpha.com

www.Desmos.com

<https://sites.google.com/site/MathAndChristina/>



Ill-Structured Problems:

Problem Solving Process:

Lesson Design/Study Process:
