

8 Videos To Engage Students in the 8 Standards for Mathematical Practice

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Web:

- **Common Core:** <http://www.corestandards.org>
- **Math Common Core Resources:**
<http://www.nctm.org/standards/mathcommoncore/>
- **Smarter Balanced AC:** <http://www.smarterbalanced.org/>
- **South Carolina Common Core:** http://ed.sc.gov/agency/pr/standards-and-curriculum/South_Carolina_Common_Core.cfm
- **Inside Mathematics:** <http://www.insidemathematics.org/index.php/commmon-core-math-intro>
- **UPS and Airline Girth:**
http://www.ups.com/content/us/en/resources/ship/packaging/weight_size.html?srch_pos=3&srch_phr=girth
<http://www.luggageonline.com/travel-guides/airline-weights-and-restrictions>
- **Vi Hart Blog:** <http://vihart.com>
- **Snakes at Amazon:** <http://www.amazon.com/dp/B003I6USDW?tag=notcot-20>
- **Dan Meyer Three Act Lessons:** <http://threeacts.mrmeyer.com>
- **Modeling Videos from Mindset Learn:**
<http://www.mindset.co.za/learn/s23/t15580/t58452>
- **Orders of Magnitude**
http://en.wikipedia.org/wiki/Orders_of_magnitude_%28time%29

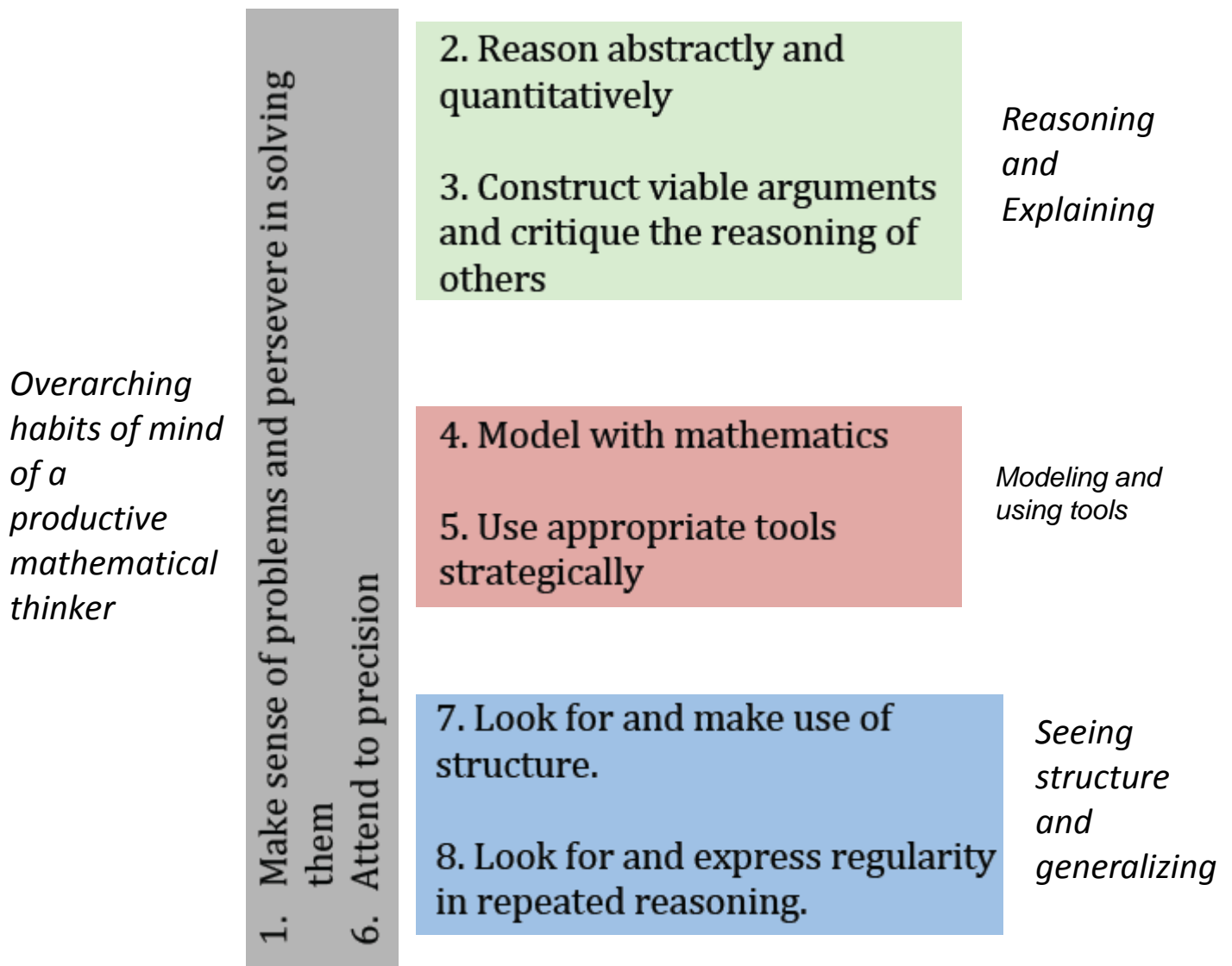
Video:

- **Come Into My World by Kylie Minogue:**
<http://www.youtube.com/watch?v=ErU5hKT2KMs>
- **UPS and Girth by Brian Regan:**
<http://www.youtube.com/watch?v=89frRi8GgGA>
- **The Big Bang Theory:** <http://www.youtube.com/watch?v=iQ3CyK1osY8>
- **How to Snakes by Vi Hart:** <http://www.youtube.com/watch?v=Gx5D09s5X6U>
- **Fry's Bank by Dan Meyer:** <http://threeacts.mrmeyer.com/frysbank/>
- **Powers of Ten:** <http://www.powersof10.com/film>
- **How Many Peas Fill the Classroom? from the Teaching Channel:**
<https://www.teachingchannel.org/videos/teaching-volume>
- **Number Pyramid:** http://www.youtube.com/watch?v=Nek_YIUGGBo

Copy of PowerPoint presentation available at: www.ite.sc.edu/dickey.html

Graphic Organizer for Standards for Mathematical Practice

(source: Bill McCallum at <http://commoncoretools.files.wordpress.com/2011/03/practices.pdf>)



Video:

- **Importance of Mathematical Practices**
<http://www.youtube.com/watch?v=m1rxkW8ucAI>