

Math 8 - Ms. Tye

Teacher website: mrsjohnsonandmstye.weebly.com

Quarter 3 Week 6: 3-5 to 3-9

Date:	In Class:	Assignment:	Success Criteria
Monday 3-5 See All Math/Science	☐ High School Counselor Visit - 9th grade scheduling	☐ You must have your signed course registration form turned in to Ms. Tye by Friday, March 9.	
Tuesday 3-6 See All Math/Science	Learning Target: Calculate the volume of various geometric solids. ☐ Review and complete discussing "Investigation 9: How do the Volumes of Different Solids Relate?" ☐ Volume Ladder Activity - must be finished in class	☐ Area and Volume Quiz on Monday/Tuesday March 12/13. Make sure your note sheets are in your math notebook.	Students can use formulas to find the volume of 3-D solids.
Wednesday/ Thursday 3/7-3/8 Block Class	Learning Target: Calculate the volume of various geometric solids. ☐ Volume Task Cards - Formulas and work must be shown on the answer sheet for credit. <u>(Finish for homework if you do not complete it in class.)</u> ☐ Play any of the practice games listed on page 2 of the agenda.	Due Friday: ☐ You must have your signed course registration form turned in to Ms. Tye by Friday, March 9. ☐ Area and Volume Quiz on Monday/Tuesday March 12/13.	Students can use formulas to find the volume of 3-D solids.
Friday 3-9 See All Classes	☐ High School Counselor Visit - 9th grade scheduling	☐ Area and Volume Quiz on Monday/Tuesday March 12/13.	

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Helpful Websites:

- Formulas - <http://www.basic-mathematics.com/volume-formulas.html>
- Formulas - <https://www.onlinemathlearning.com/volume-formula.html>
- Formulas - <https://www.mathsisfun.com/geometry/cone-sphere-cylinder.html>
- Volume Practice (Prisms/Pyramids) - <https://www.ixl.com/math/grade-8/volume-of-cubes-prisms-and-pyramids>
- Volume Practice (Cylinders) - <https://www.ixl.com/math/grade-8/volume-of-cylinders-and-cones>
- Volume Practice (Spheres) - <https://www.ixl.com/math/grade-8/volume-of-spheres>
- Volume Practice (Prisms) - https://www.khanacademy.org/math/pre-algebra/pre-algebra-measurement/pre-algebra-volume-rectangular/e/volume_2
- Volume Practice Quiz - <https://www.saddleback.edu/faculty/lperez/algebra2go/prealgebra/arithmetic/volume.html>

Math Standards:

G.SR.08.06 Understand concepts of volume and surface area, and apply formulas: Know the volume formulas for generalized cylinders ((area of base) x height), generalized cones and pyramids ($\frac{1}{3}$ (area of base) x height), and spheres ($\frac{4}{3} \pi \times (\text{radius})^3$) and apply them to solve problems.

Math Practices:

- Make sense of problems and persevere in solving them.
- Use appropriate tools strategically.
- Look for and express regularity in repeated reasoning.