**Grade 8 Math & Science – Week 9**

**This week we will finish our last topic in volume. We are focusing on finding the volume of a cylinder. Cylinders have their volume calculated the same way as prisms. Find the area of the base and multiply it by the height. In this case, the base is a circle. Remember that the formula to find the area of a circle is Pi X radius squared, or *A*=*πr*2. Once you have the area of the base, simply multiply it by the height to get the volume. Please watch the tutorial videos and if you have any questions please let me know. Have a great week!**

1. **YouTube Tutorial Video – Volumes of cylinders**

[**https://www.youtube.com/watch?v=fxTsG4qkz1U\**](https://www.youtube.com/watch?v=fxTsG4qkz1U\)

[**https://www.youtube.com/watch?v=qJwecTgce6c**](https://www.youtube.com/watch?v=qJwecTgce6c) **(skip to 8:00)**

1. **Reflex or Flash Cards (3 times)**

[**https://www.reflexmath.com/**](https://www.reflexmath.com/)

1. **Mathletics – Each student has different individually assigned tasks**

[**https://www.mathletics.com/ca/**](https://www.mathletics.com/ca/)

1. **IXL Math** **(Remember to sign up for the free 90 day trial) – U.6 – Circles: Word Problems, & U.7 – Volume**

[**https://ca.ixl.com/math/grade-8**](https://ca.ixl.com/math/grade-8)

1. **Math Makes Sense 8 – Read pages 216-217 then complete: Pages 218 - 219 #4 - 6, 8, 9, 12, 14**

[**http://superiormiddleschool.nbed.nb.ca/sites/superiormiddleschool.nbed.nb.ca/files/doc//y2019/Feb/math\_makes\_sense\_8.pdf**](http://superiormiddleschool.nbed.nb.ca/sites/superiormiddleschool.nbed.nb.ca/files/doc//y2019/Feb/math_makes_sense_8.pdf)

1. **Math Worksheets – REMINDER: Click on picture to access the worksheets. For this week, focus on: (1) Volume of Cylinders – Easy, & (2) Volume of Cylinders – Moderate**

[**https://www.mathworksheets4kids.com/volume-cylinders.php**](https://www.mathworksheets4kids.com/volume-cylinders.php)

1. **Logic Games – Chess or Sudoku**

[**https://sudoku.game/**](https://sudoku.game/)

[**https://www.chess.com/play/computer**](https://www.chess.com/play/computer)

**Science STEM Resources:**

[**http://stemnorth.nbed.nb.ca/feature/science-and-steam-home-learning-resources**](http://stemnorth.nbed.nb.ca/feature/science-and-steam-home-learning-resources)

**Weekly STEAM Challenge: Check in with the STEM North site this week for the next weekly STEAM challenge! I will post it on my teacher page once it is uploaded as well!**