**Final Project Lesson Plan Template**

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| **Name** | **Date** |
| Adrienne Raymond | June 21, 2019 |
| **Grade Level** | **Topic** |
| 8th | Volume of Cylinders, Spheres, Cones |
| **Subject** | |
| Math | |
| **Lesson Title** | |
| Solve real world and mathematical problems involving volume of cylinders, cones, and spheres | |
| **Lesson Duration** | |
| June 24-28 | |
| **Lesson Link** | |
| https://araymond/weebly.com | |
| **Standard(s)** | |
| MGSE8.G.9 Apply the formulas for the volume of cones, cylinders, and spheres and use them to solve real-world and mathematical problems. | |
| **Lesson Objective(s)** | |
| I can solve real world and mathematical problems involving volume by using formulas. | |
| **Materials Needed** | |
| Chromebooks, paper, pencil, calculator | |
| **Instructional Video Link** | |
| <http://youtu.be/Y7Y9PoneSMQ?hd=1> | |
| **Presentation Link** | |
| <https://www.youtube.com/watch?v=0tDjMSgYMzU&feature=youtu.be&hd=1> | |
| **Lesson Description** | |
| Monday- The teacher will instruct students to take a few moments to log in to their computer and watch a short brainpop video on the Volume of a Cone, Cylinder, and Sphere using the website (<https://www.brainpop.com/math/geometryandmeasurement/volumeofcylinders/>)  The user name is “goecms” and the password is “ecms”  Students will follow along as the teacher reviews google slides presentation. Students will copy notes from google slides by visiting ([**https://araymond.weebly.com**](https://araymond.weebly.com/))  titled- <https://docs.google.com/presentation/d/10t9_GzlwI9cp9koflRSx9KSjOTJrRs8xbMLj0HtK07A/edit#slide=id.p>  \*\*Students will find google slides on teacher website---Unit 3 folder-Volume. \*\*Classwork/Homework-Students will complete practice problems in class but will complete for homework if not finished in class. The practice problems will be from google slides file <https://docs.google.com/presentation/d/1l4PcJvCLUNCF_x7EY80Hfn9_AIFOZxJ8FYNj2rFMFxE/edit#slide=id.p> -Volume review and practice located on teacher website ([https://araymond.weebly.com](https://araymond.weebly.com/)) Students may use a calculator and scratch paper. If you are having any trouble there is a instructional video that I created that you can watch click here- <https://www.youtube.com/watch?v=Y7Y9PoneSMQ&feature=youtu.be&hd=1>   Tuesday-Students will independently work on Volume problems using iLearn <https://www.ilearn.com/1819/SYSTEM_HTML/index.html>.https://lh4.googleusercontent.com/kqUcY2vZn06sR5z3vSYv5U4BL_ISeA00mUz5gY1qbYwp32V1hiDEMMmC7o6X5164T-NQ_Ig-0itd9Mdy3FPUtLETsymue9S5EhXVmVk3envXGBR8J-_SMCGh0bQPS4aSOJtGMTKk  Students will log in to their ilearn accounts from their desks and work on assigned lessons on Volume.  Teacher will allow time to assess students by giving them a Ticket out the door using the link <https://www.thatquiz.org/tq/classtest?2X2RO6I1>. Students will scroll down to see their name and complete the questions on volume. Students may use a calculator and scratch paper.  Wednesday-Teacher will instruct students to complete Volume practice on quizlet. Students may choose any method to practice e.g.(flashcards, learn, matching games, write, etc.)  Students may use a calculator and scratch paper . Volume (<https://quizlet.com/293755207/volume-of-spheres-cones-cylinders-flash-cards/>)  \*\*Teacher will remediate with students in small groups to assess mastery of Volume standard.\*\*  \*\*Students that will need remediation will watch khan academy videos <https://www.youtube.com/watch?v=gL3HxBQyeg0>, <https://www.youtube.com/watch?v=hC6zx9WAiC4&t=100s>, <https://www.youtube.com/watch?v=IelS2vg7JO8&t=46s> and work through one problem from each video on cones, spheres, and cylinders. Videos are located on teacher website under Unit 3-Volume.([**https://araymond.weebly.com**](https://araymond.weebly.com/)).  Early Finishers, students will complete worksheet over Volume of a Cone, Cylinder, and Sphere in Real World Situations. Worksheet will be located on teacher website ([**https://araymond.weebly.com**](https://araymond.weebly.com/)) under unit 3-Volume. Students will complete on a separate sheet of paper and turn in to the basket when done. Students may use a calculator and scratch paper.  Thursday- Students will log in to computer and play a review game on Volume by using kahoot <https://kahoot.it/>. Teacher will click on the following webpage link and provide students with game pin to play. <https://play.kahoot.it/#/?quizId=5534786b-f13d-4a74-840f-782e4e365230> When done, students will complete a study guide for tomorrow’s assessment. Students may use a calculator and scratch paper.  Friday- Students will take a brief quiz over volume using a google classroom form <https://forms.gle/dsubfNqnt4T2Ywx58>.  Students will submit when done and read and solve math in scholastic math magazines located on the bookshelf. | |
| **Assessment Plan** | |
| Students will take a test using google forms. Teacher will check scratch paper for errors. | |
| **Remediation Plan** | |
| Teacher will work with students in small groups. Students will watch khan academy videos and work one problem that involves cones, spheres, and cylinders. | |
| **Additional Information** | |
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