| Mrs. Duhon 6th Grade Math Week 29 March 12th -15th |  |  |  |  |  |
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| Module 5: Area, Surface Area and Volume |  |  |  |  |  |
|  | Monday No School | Tuesday March 12th | Wednesday March 13th | Thursday March 14th | Friday March 15th |
| Lesson | No School | Lesson 8: Areas of Composite Figures in Real-World Situations | Topic B Quiz: <br> Problem solving with area | Lesson 15: Exploring Volume | Lesson 16: Applying Volume Formulas |
| Pages | 0 | learn strategies for calulating areas of composite figures | 0 | 0 | 0 |
| We will... | 0 |  | 0 | find the volume of rectangular prisms that have fractional edge lengths | solve word problem using $\mathrm{V}=\mathrm{lwh} \mathrm{V}=\mathrm{Bh}$ |
| Bell Ringer | 0 | operations with rational numbers | 0 | multiply and divide fractions | solve multiplication equations |
| Exit Ticket | 0 | determine the area of a shaded region | 0 | find the volume of a cube | analyze data |
| I will... | 0 | what real world situations require calculating the areas of composite figures | 0 | explain how we find the volume of a cube | explain what two formulas we can use to find the volume of any rectangular prism |
| State <br> Standards | 6.G.A. 1 Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems. |  |  |  |  |
|  | 6.G.A.L Find the volume of a right rectangular prism with tractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $\mathrm{V}=\mathrm{lwh}$ and $\mathrm{V}=\mathrm{bh}$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems. |  |  |  |  |
|  | 6.G.A. 3 Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems. |  |  |  |  |
|  | 6.G.A. 4 Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems. |  |  |  |  |

