

5th Grade ADV Math

Week of September 14

Learning Target:

- ✓ I can know and use strategies to find volume. (MGSE5.MD5a,b)

Monday

Lesson Summary

Mini Lesson: T will use cube tool on toytheater.com to model building rectangular prisms to find volume. She will reinforce the vocabulary cubic units and have students find the volume of the prisms she creates.

Groups (See Group Schedule):

- Teacher Time: Teacher will model “Build a Rectangle” center for Wed/Thurs independent work. She will use 18 cubes and students will come up with various lengths, widths, and height combinations to make as many rectangular prisms as possible with a volume of 18 cubic units.
- Independent Assignment: Find the Volume Seesaw activity. Students will count the cubes in the pictures to determine the volumes of both regular and irregular shapes.

Resources

- Teams

Work to Be Turned In:

- Finding the volume Seesaw activity (Matthews to create)

Tuesday

Lesson Summary

Mini-Lesson: Select students will share their screens and build one rectangular prism. The rest of the class will have to solve the volume of the prism.

Groups (See Group Schedule):

- Teacher Time: Teacher will model “Build a Rectangle” center for Wed/Thurs independent work. She will use 18 cubes and students will come up with various lengths, widths, and height combinations to make as many rectangular prisms as possible with a volume of 18 cubic units.

Resources

- Teams

Work to Be Turned In:

- Finding the volume Seesaw activity (Matthews to create)

<ul style="list-style-type: none"> • Independent Assignment: Find the Volume Seesaw activity. Students will count the cubes in the pictures to determine the volumes of both regular and irregular shapes. 		
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Wednesday

<p>Lesson Summary Mini Lesson: Build a Rectangle review. To prepare for independent assignment, teacher will review build a rectangle activity from small group.</p> <p>Groups (See Group Schedule):</p> <ul style="list-style-type: none"> • Teacher Time: Students will solve the volume of rectangular prisms by multiplying the side lengths. T will display images of rectangular prisms and students will practice using the volume formula and solving the problem. • Independent Assignment: Students will use toytheater.com to build different rectangular prisms and record the dimensions. 	<p>Resources</p> <ul style="list-style-type: none"> • Teams 	<p>Work to Be Turned In:</p> <ul style="list-style-type: none"> • Build a Rectangle Seesaw
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Thursday

<p>Lesson Summary Mini-Lesson: Flexible based on student needs and formative assessments from Mon-Wed.</p> <p>Groups (See Group Schedule):</p> <ul style="list-style-type: none"> • Teacher Time: Students will solve the volume of rectangular prisms by multiplying the side lengths. T will display images of rectangular prisms and students will practice using the volume formula and solving the problem. • Independent Assignment: Students will use toytheater.com to build different rectangular prisms and record the dimensions. 	<p>Resources</p> <ul style="list-style-type: none"> • Teams 	<p>Work to Be Turned In:</p> <ul style="list-style-type: none"> • Build a Rectangle Seesaw
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Friday

<p>Lesson Summary Mini-Lesson: Review Volume activities from the week. Introduce independent assignment.</p>	<p>Resources</p> <ul style="list-style-type: none"> • Teams 	<p>Work to Be Turned In:</p> <ul style="list-style-type: none"> • Volume Activity (Matthews)
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Independent Assignment: Volume activity		
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Notes from your teacher:

- Join your Team meeting every day for the mini-lesson. Your teacher will give you guidance for your independent work.