



VAR MS Home Learning - Structure of Daily Activities

5th Grade

| Content | Zoom Link | Suggested Time | Primary Resource | Day 1 | Day 2 | Day 3 |
|---------------------|--------------|----------------|--|--|--|--|
| Reading and Writing | Weds. 1:00pm | 1 hour | Great Minds Knowledge on the Go Reading A-Z | Great Minds Knowledge on the Go. Please click on the link below. Lesson 4 Part 1 Lesson 4 Part 2 Please write your responses in a notebook. | Great Minds Knowledge on the Go. Please click on the link below. Lesson 5 Part 1 Please write your responses in a notebook. RAZ: Read “The US Government At Work” and complete the questions. Click on the link below to access your RAZ Kids Account TSU CAL | Great Minds Knowledge on the Go. Please click on the link below. Lesson 5 Part 2 Please write your responses in a notebook. RAZ: Read “The US Constitution” and answer the questions. Click on the link below to access your RAZ Kids Account TSU CAL |



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|-----------------------|-----------------|--------|---|--|---|---|
| Math | Tuesday 12pm | 1 hour | GreatMinds Knowledge on the Go Aleks | 1. Watch video (the first 13 minutes) 2. Complete Lesson 4 Problem Set Questions #1, 2, and 3 3. ALEKS (30 minutes) – 6 topics due on Friday | 1. Watch the video (the first 21 minutes) 2. Complete Lesson 5 Problem Set Questions #5 and 6 3. ALEKS (20 minutes) – 6 topics due on Friday | 1. Watch the video (the first 24 minutes) 2. Complete Lesson 6 Problem Set Questions #1, 3, and 4. 3. ALEKS (15 minutes) – 6 topics due on Friday |
| Science | | 30 min | Science-Discovery Login using your Clever account | Discovery Assignment: 1) What Are Atoms Made of? 2) What's in Air? 3) State of Matter Watch videos and answer questions on this tab. | Discovery Assignment: 1) How Can We Model the Particles That Make Up Matter? Watch videos and answer questions on this tab. Spend 5 minutes on the interactive activity "Atoms" | Discovery Assignments: 1) Rutherford's Experiment 2) Building Blocks 3) Elements |
| Social Studies | Weds. 1:00pm | 30 min | Brainpop Login using your Brainpop account | Regions of the Thirteen Colonies -Watch Video | Cause of the American Revolution -Watch Video | Declaration of Independence -Watch Video |



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| | | | | - Complete Graphic Organizer | - Complete Quiz | - Complete Quiz |
| Related Arts | | 30 min | | <p>Technology: Login to Google Classroom at google.com, then go to the 9 dots, open slides (yellow). Create a 5 slide PPT about a topic of your choice (school appropriate). Details are included in google classroom.</p> <p>OR</p> <p>Arts: Learn about Land Art! Check out this documentary and then watch the YouTube slideshow for inspiration. Land Art Documentary Land Art slideshow</p> | <p>Technology: Login to Google Classroom, then go to the 9 dots, find your previously started ppt in your google drive. Continue working on your PPT. When finished - attach to an assignment in google classroom and turn in.</p> <p>OR</p> <p>Arts: Check out this website for examples of Land Art. If you can (safely and socially distanced) go outside, try to copy some of these designs. Snap a pic with your phone</p> | <p>Technology: Login to www.typing.com Practice for 15 min. Then take a 3 minute timed test. Then 5-10 of typing games of choice. (Remember - I can login and see progress/activity.)</p> <p>OR</p> <p>Arts: View some more amazing examples of Land Art from the Modern Met: Examples of Land Art</p> <p>Go for a walk and grab some rocks. Try to recreate these crafts with the rocks you find.</p> |



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| | | | | <p>PE:</p> <p>Warm up: Jumping Jacks 30 secs</p> <p>High Knees 30 secs</p> <p>Glute Kicks 30 secs</p> <p>Pretend Jump</p> <p>Rope 30 seconds</p> <p>Watch Activity Video:</p> <p>Cool down: One minute of relaxing breathing</p> | <p>and send to Ms. Hodes to share.</p> <p>Examples of Land Art</p> <p>Ms. Hodes email: ahodes@visionacademy-riverside.org</p> <p>PE:</p> <p>Watch Activity Video:</p> <p>Cool down: hold each stretch for 15-30 seconds (Reach for ceiling, touch toes, butterfly, reach for left foot, reach for right foot)</p> | <p>Make sure to capture your art with a phone or camera.</p> <p>Recreate Rock Art</p> <p>PE:</p> <p>Watch and do the activities in the following videos</p> <p>Activity 1</p> <p>Activity 2</p> <p>Activity 3</p> <p>Cool down: hold each stretch for 15-30 seconds (Reach for ceiling, touch toes, butterfly, reach for left foot, reach for right foot)</p> |
|--|--|--|--|--|---|---|



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| 5th Grade Suggested Student Daily Schedule 3.5hrs | | | |
|---|--------------------------------------|--|--------------------------|
| 9:00-10:30 | Reading and Writing | If you are in need of your child's student logins to: Gmail Aleks Clever Discovery BrainPop Please reach out to your child's homeroom teacher. | |
| 10:30-11:00 | Break | | |
| 11:00-11:30 | Science | | |
| 11:30-12:00 | Social Studies | | |
| 12:00-12:30 | Lunch | | |
| 12:30-1:00 | Break | | |
| 1:00-2:00 | Math | | |
| 2:00-2:30 | Related Arts | | |
| | | | |
| Tuesday Zoom Meetings | | Wednesday Zoom Meetings | |
| 5th Grade Math - Ms. Moore 12:00pm - 1:00pm | | 5th Grade ELA/SS - Mrs. Allison 1:00 pm - 2:00pm | |
| 6th Grade Math - Ms. Moore 1:00pm - 2:00pm | | 6th Grade ELA/SS - Mrs. Allison 2:00pm - 3:00pm | |
| | | | |
| Teacher Name | | Google Voice Number | Office Hours (Mon - Fri) |
| Mrs. Allison 5/6 Social Studies | dallison@visionacademy-riverside.org | 317-207-0243 | 11:00am-1:00pm |



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| | | | |
|---|---------------------------------------|--------------|-----------------|
| TSU Homeroom | | | |
| Ms. Moore 5/6 Math Arizona Homeroom | smoore@visionacademy-riverside.org | 317-469-9382 | 10:00am-12:00pm |
| Mrs. Hoadley K-8 Technology CAL Homeroom | thoadley@visionacademy-riverside.org | 317-662-0024 | 10:00am-12:00pm |
| Ms. Hodes K-8 Art MSU Homeroom | ahodes@visionacademy-riverside.org | 317-663-9408 | 10:00am-12:00pm |
| Mr. Horne 5th Grade Resource | jhorne@visionacademy-riverside.org | 317-732-8851 | 10:00am-12pm |
| Mrs. Russell 6th Grade Resource | rrussell@visionacademy-riverside.org | 317-586-2749 | 12:00pm-2:00pm |
| Mrs. Harger K-8 ELL | mharger@visionacademy-riverside.org | 317-883-7259 | 1:00 pm-3:00 pm |
| Mulugeta, Bilen Principal | bmulugeta@visionacademy-riverside.org | 317-662-0105 | |
| Kemps, Brian Dean of Academic | bkemps@visionacademy-riverside.org | 215-688-6082 | |
| Richard, Nelson Dean of Culture | rnelson@visionacademy-riverside.org | 619-940-6386 | |
| Sara Buchta Social Worker | sbuchta@visionacademy-riverside.org | 317-662-0211 | |

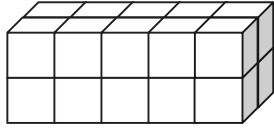
- **Office Hours:** *Students may call a teacher during these times to receive one on one support for their work. We recommend that students email their teachers to schedule a set time that they can talk to their teachers during this time.*
- **Zoom Meetings:** *These are times that teachers will instruct students via video conferencing. Students are expected to attend the Zoom Conferences for each subject taught in their grade level. Teachers will share meeting codes with families the week of April 6th.*

Name _____

Date _____

1. Each rectangular prism is built from centimeter cubes. State the dimensions, and find the volume.

a.



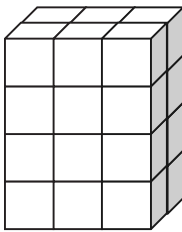
Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm^3

b.



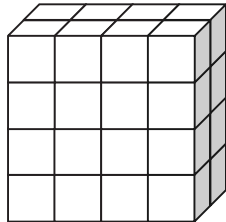
Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm^3

c.



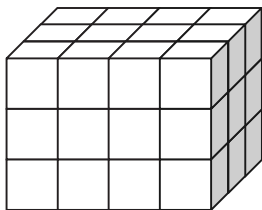
Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm^3

d.



Length: _____ cm

Width: _____ cm

Height: _____ cm

Volume: _____ cm^3

2. Write a multiplication sentence that you could use to calculate the volume for each rectangular prism in Problem 1. Include the units in your sentences.

a. _____

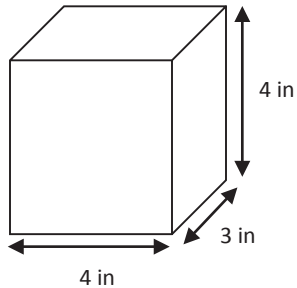
b. _____

c. _____

d. _____

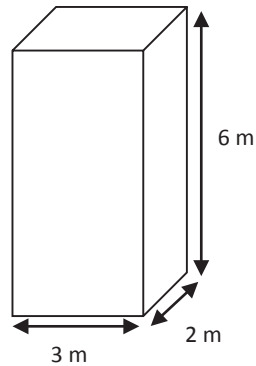
3. Calculate the volume of each rectangular prism. Include the units in your number sentences.

a.



$V =$ _____

b.

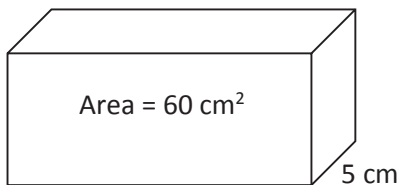


$V =$ _____

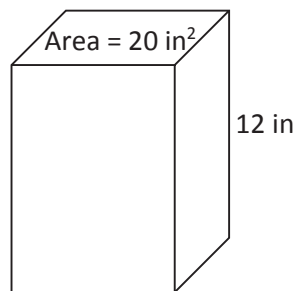
4. Tyron is constructing a box in the shape of a rectangular prism to store his baseball cards. It has a length of 10 centimeters, a width of 7 centimeters, and a height of 8 centimeters. What is the volume of the box?

5. Aaron says more information is needed to find the volume of the prisms. Explain why Aaron is mistaken, and calculate the volume of the prisms.

a.



b.



Name _____

Date _____

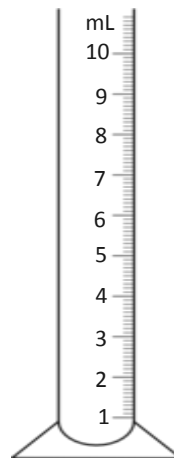
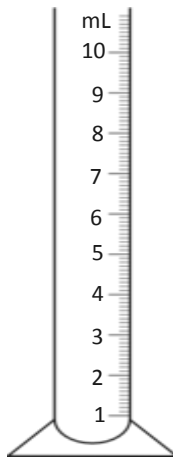
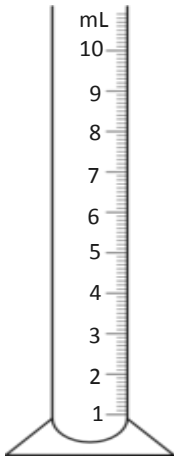
1. Determine the volume of two boxes on the table using cubes, and then confirm by measuring and multiplying.

| Box Number | Number of Cubes Packed | Measurements | | | Volume |
|------------|------------------------|--------------|-------|--------|--------|
| | | Length | Width | Height | |
| | | | | | |
| | | | | | |

2. Using the same boxes from Problem 1, record the amount of liquid that your box can hold.

| Box Number | Liquid the Box Can Hold |
|------------|-------------------------|
| | mL |
| | mL |

3. Shade to show the water in the beaker.



At first:

_____ mL

After 1 mL water added:

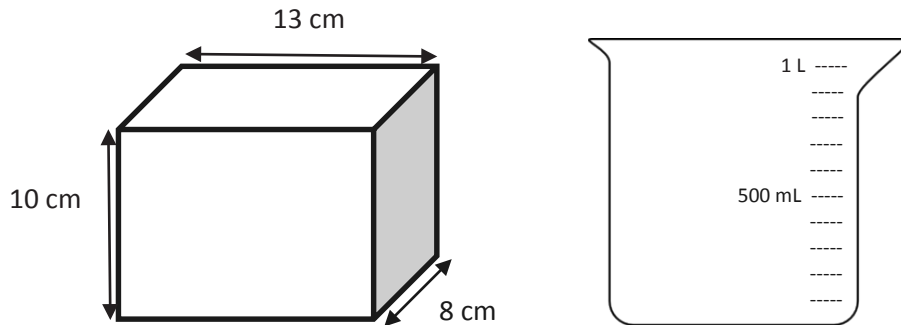
_____ mL

After 1 cm cube added:

_____ mL

4. What conclusion can you draw about 1 cubic centimeter and 1 mL?

5. The tank, shaped like a rectangular prism, is filled to the top with water.



Will the graduated cylinder hold all the water in the tank? If yes, how much more will the beaker hold? If no, how much more will the tank hold than the beaker? Explain how you know.

6. A rectangular fish tank measures 26 cm by 20 cm by 18 cm. The tank is filled with water to a depth of 15 cm.

a. What is the volume of the water in mL?

b. How many liters is that?

c. How many more mL of water will be needed to fill the tank to the top? Explain how you know.

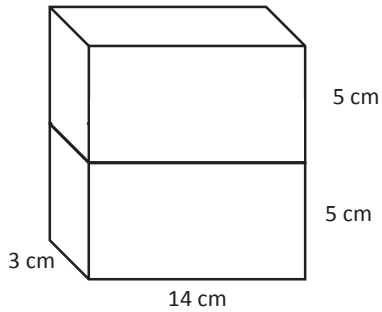
7. A rectangular container is 25 cm long and 20 cm wide. If it holds 1 liter of water when full, what is its height?

Name _____

Date _____

1. Find the total volume of the figures, and record your solution strategy.

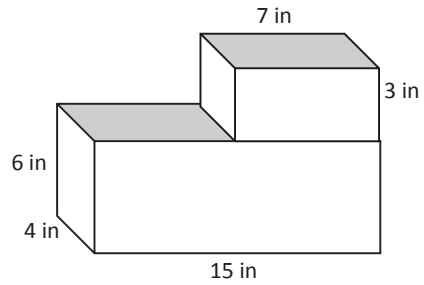
a.



Volume: _____

Solution Strategy:

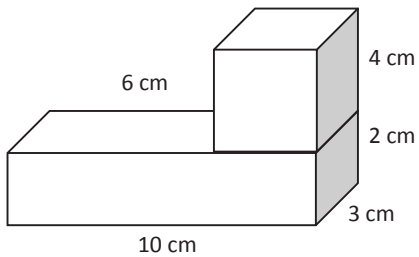
b.



Volume: _____

Solution Strategy:

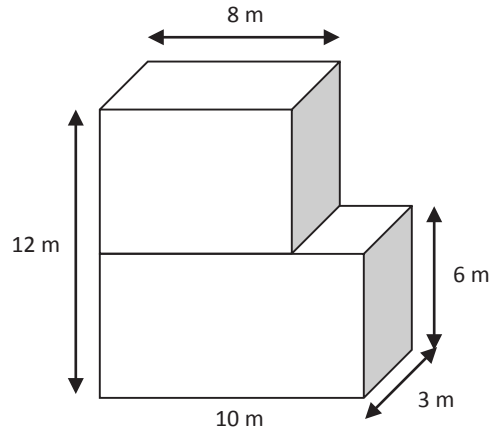
c.



Volume: _____

Solution Strategy:

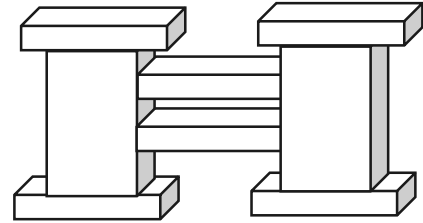
d.



Volume: _____

Solution Strategy:

2. A sculpture (pictured below) is made of two sizes of rectangular prisms. One size measures 13 in by 8 in by 2 in. The other size measures 9 in by 8 in by 18 in. What is the total volume of the sculpture?



3. The combined volume of two identical cubes is 128 cubic centimeters. What is the side length of each cube?
4. A rectangular tank with a base area of 24 cm^2 is filled with water and oil to a depth of 9 cm. The oil and water separate into two layers when the oil rises to the top. If the thickness of the oil layer is 4 cm, what is the volume of the water?



5. Two rectangular prisms have a combined volume of 432 cubic feet. Prism A has half the volume of Prism B.
- What is the volume of Prism A? Prism B?
 - If Prism A has a base area of 24 ft^2 , what is the height of Prism A?
 - If Prism B's base is $\frac{2}{3}$ the area of Prism A's base, what is the height of Prism B?