

Dear Parents/Guardians,

Hello there and we hope you are all doing well. Here are more practices for our students to continue working on. We have also provided the AzM2 (formally called, "AZ Merit") Sample Test link for students to try at <https://azm2portal.org/sample-tests.shtml>. Directions are provided below; however, there are a few math samples provided in this packet. Students are encouraged to continue to access their Edgenuity and Edutyping accounts to practice skills in Pathblazer at <https://www.edgenuity.com/login/> and <https://www.edutyping.com/student/login>. We are only an email away if you have any questions. We continue to miss you all and wish you well! Continue to take care of yourself. Sincerely, Mrs. Allen and Ms. Calvin Erlinda.Allen@saltriversschools.org and Michelle.Calvin@saltriversschools.org

6th Grade Math Daily Learning Activities for Weeks of: May 11 – 21, 2020

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Concept: Rates and Proportions</p> <p>Students will solve for unit rate, find the rate of one unit using the cost and the total number of items.</p> <p>Complete AzM2 Math Practice sample problem: Item # 3 and # 4</p> <p>Online video tutorial support link at Khan Academy, if you need help: https://www.khanacademy.org/math/pre-algebra/pre-algebra-rates/pre-algebra-rates/v/finding-unit-rates</p>	<p>Concept Practice: Geometry</p> <p>Students will calculate the Volume of a given area by using the formula for Volume.</p> <p>Complete AzM2 Math Practice sample problem: Item # 14</p> <p>Online video tutorial support link at Khan Academy, if you need help: https://www.khanacademy.org/math/basic-geo/basic-geo-volume-sa/volume-of-a-rectangular-prism-or-box-examples</p>	<p>Fluency Practice: Number Sense- Division</p> <p>Students will solve for the quotient by dividing numbers by making a multiple tower first, then using their tower to divide the dividend.</p> <p>Complete AzM2 Math Practice sample problem: Item # 9</p> <p>Online video tutorial support link at Khan Academy, if you need help: https://www.khanacademy.org/math/arithmetic/arithmetic-decimals/arithmetic-decimals/v/dividing-completely-to-get-decimal-answer</p>	<p>Real world Math: Number Sense</p> <p>Students will solve for the sum, difference, product, or quotient.</p> <p>Complete paper practice: 1- "How Old am I?" 2- "Calculator Words"</p> <p>* Sample Tests at AZ Dept. of Education.</p> <p>Students can take the math and reading sample tests: 1. Click on the "Take the Sample Test." 2. Click on "Sign in" and "Select grade 6" 3. Select "ELA" or "Math" and continue with selection of steps.</p>	<p>Quick Math: Ratio and Proportions</p> <p>Students will compute a fraction, decimal and percent interchangeably with fluency.</p> <p>Complete paper practice: "Percents, Fractions, and Decimals"</p> <p>4. Students can use scrap paper to solve work and type in their answers. Answers are submitted with no data collected; for practices only. 5. At the end of each test, students can click on "Sample Test Scoring Guide" to review their answers they did on paper.</p>
<p>Essential Standard Focus: 6.RP.A2</p> <p>Understand the concept of a unit rate a/b associated with a ratio $a : b$ with $b \neq 0$, and use rate language (e.g., for every, for each, for each 1, per) in the context of a ratio relationship. (Complex fraction notation is not an expectation for unit rates in this grade level.)</p>	<p>Essential Standard Focus: 6.GA.2 Find the volume of a right rectangular prism with fractional 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. Understand and use the formula $V = B \cdot h$, where in this case, B is the area of the base ($B = l \times w$) to find volumes of right rectangular prisms.</p>	<p>Essential Standard Focus: 6.NS.B2</p> <p>Fluently divide multi-digit numbers using a standard algorithm</p>	<p>Essential Standard Focus: 6.B.3</p> <p>Fluently add, subtract, multiply, and divide multi-digit decimals using a standard algorithm for each operation.</p>	<p>Essential Standard Focus: 6.RP.A.3</p> <p>Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity).</p>

Elementary resources for further learning to support your student

https://saltriversschools.org/news/what_s_new/learningresources2020

AZMerit Math Practice Test Ratios & Proportions/Number Sense/Geometry

Item Number	Cluster	Content Standard	DOK
3	6.RP.A	6.RP.A.2	2

A school earns \$70 from selling 50 tickets for the school play. Each ticket costs the same price.

How much does the school earn for 1 ticket?

What will you be using: Addition? Subtraction? Multiplication? Division?

Set up the problem:

*Watch Khan Academy video if you need help

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-rates/v/finding-unit-rates>

Item Number	Cluster	Content Standard	DOK
4	6.RP.A	6.RP.A.2	2

Sarah types a 3-page report in 30 minutes, and each page has 400 words.

What is Sarah's typing rate, in words per minute?

What will you be using: Addition? Subtraction? Multiplication? Division?

Set up the problem:

*Watch Khan Academy video if you need help

<https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-rates/v/finding-unit-rates>

AZMerit Math Practice Test Ratios & Proportions/Number Sense/Geometry

Item Number	Cluster	Content Standard	DOK
9	6.NS.B	6.NS.B.2	1

An expression is shown.

$$7525 \div 35$$

What is the value of the expression?

What will you be using: Addition? Subtraction? Multiplication? Division?

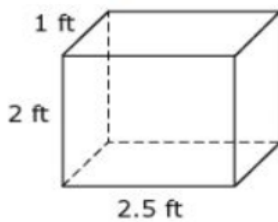
Set up the problem:

*Watch Khan Academy video if you need help

<https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-dividing-decimals/v/dividing-completely-to-get-decimal-answer>

Item Number	Cluster	Content Standard	DOK
14	6.G.A	6.G.A.2	2

A storage container is shown, with measurements in feet (ft).



What is the volume, in cubic feet, of the storage container?

What will you be using: Addition? Subtraction? Multiplication? Division?

What is the formula for Volume? $V = ?$

Set up the problem:

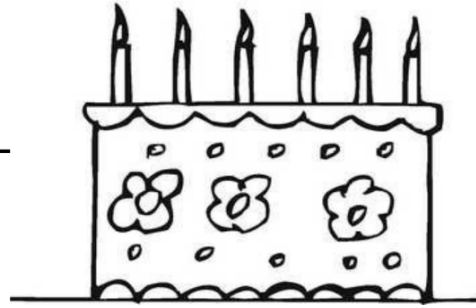
*Watch Khan Academy video if you need help:

<https://www.khanacademy.org/math/basic-geo/basic-geo-volume-sa/volume-rect-prism/v/volume-of-a-rectangular-prism-or-box-examples>

Name: _____

How Old Am I?

There are 12 months in a year.
There are 52 weeks in a year.
There are 365.25 days in a year.



When is your birth date (including the year)? _____

How many years old are you? _____

How many months old are you? _____

How did you figure this out?

How many weeks old are you? _____

How did you figure this out?

How many days old are you? _____

How did you figure this out?

Calculator Words

Subtract 68 from 119.
Turn the calculator upside down.
What word do you see?

word: _____

Multiply 926 by 4.
Turn the calculator upside down.
What word do you see?

word: _____

Add 0.4 and 0.2.
Turn the calculator upside down.
What word do you see?

word: _____

Divide 6,090 by 2.
Turn the calculator upside down.
What word do you see?

word: _____

Divide 27,685 by 5.
Turn the calculator upside down.
What word do you see?

word: _____

Add 0.2949 and 0.4785.
Turn the calculator upside down.
What word do you see?

word: _____

Subtract 2,555 from 37,891.
Turn the calculator upside down.
What word do you see?

word: _____

Multiply 2,688,308 by 2.
Turn the calculator upside down.
What word do you see?

word: _____

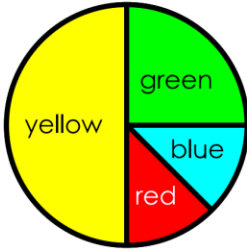
**Now, make up some of your own calculator words.
Try to use words that are not already on this sheet.**

Calculator number: _____ Calculator word: _____

Calculator number: _____ Calculator word: _____

Calculator number: _____ Calculator word: _____

Percents, Fractions, and Decimals



What part of the circle is green? Write your answer as a percent.

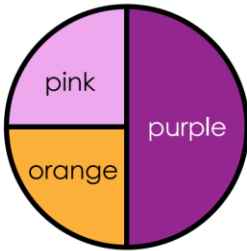
_____ percent

What part of the circle is blue? Write your answer as a fraction.

_____ fraction

What part of the circle is yellow? Write your answer as a decimal.

_____ decimal



What part of the circle is purple? Write your answer as a percent.

_____ percent

What part of the circle is orange? Write your answer as a fraction.

_____ fraction

What part of the circle is pink? Write your answer as a decimal.

_____ decimal



What part of the circle is green? Write your answer as a percent.

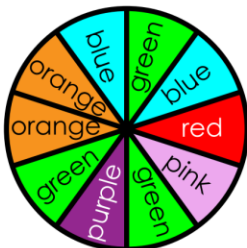
_____ percent

What part of the circle is yellow? Write your answer as a fraction.

_____ fraction

What part of the circle is pink? Write your answer as a decimal.

_____ decimal



What part of the circle is pink? Write your answer as a percent.

_____ percent

What part of the circle is green? Write your answer as a fraction.

_____ fraction

What part of the circle is orange? Write your answer as a decimal.

_____ decimal

Dear Parents/Guardians,

Please use this cover page along with my created materials as a guide to support your student during this time of school closure. I am only an e-mail or a cell phone call away if you should need guidance with the learning opportunities provided. Our goal during school closure is to keep your student's grade level skills robust. We are a team, and we are doing our best to keep a connection between the school and home.

Sincerely,

Ms. Christina Price Christina.price@saltriverschools.org 480-620-2534

6th Grade ELA Daily Schedule for the Weeks of: May 11 – 22, 2020

Monday	Tuesday	Wednesday	Thursday	Friday
Greek and Latin Suffixes –logy, - -- -ician, -crat, -ory	Greek and Latin Roots tele, medi, funct, struct	Free Choice Research Project	Fun Writing Prompts	Read a Book Watch CNN10
6.L.3 Vocabulary Acquisition and Use a. Use common, grade-appropriate Greek or Latin affixes and root as clues to meaning of a word	6.L.3 Vocabulary Acquisition and Use a. Use common, grade-appropriate Greek or Latin affixes and root as clues to meaning of a word	Essential Standard Focus: 6.W.7 Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate	Essential Standard Focus: 6.W.2 Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.	Essential Standard Focus: 6.RL.10 By the end of the year, proficiently and independently read and comprehend literature, including stories, dramas, and poetry, in a text complexity range determined by qualitative and quantitative measures appropriate to grade 6.
Additional Resources to support your students:				
https://www.scholastic.com/parents/books-and-reading/raise-a-reader-blog/story-time-questions.html	https://www.ixl.com/ela/vocabulary	https://englishlinx.com/cgi-bin/pdf_viewer.cgi?script_name=%2Fpdf%2FIdioms-List-Beginner-or-Intermediate.pdf&x=95&y=28	https://www.journalbuddies.com/prompts-by-grade/writing-prompts-middle-school/	https://www.wfla.com/community/health/coronavirus/audible-is-offering-free-audiobooks-for-kids-stuck-at-home/

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Greek and Latin Suffixes –logy, -ician, -crat, -ory

DIRECTIONS Write the word from the Word Bank that has the same meaning as and can replace the words in the brackets in each sentence. Use a print or digital dictionary as needed.

Anthropologist	Astrology	Cardiology	Mathematician	Preparatory
Predatory	Neurologist	Clinician	Autocrat	expository

- The (doctor who specializes in nerve diseases) did a study on lack of sleep.

- Both lawyers need to do (relating to preparation for a task) work before the trial.

- When I need help with geometry, I ask my uncle, the (specialist in math).

- I wrote a (n) (intended to explain or describe) article for my final paper.

- I want to know how the heart functions, so I am studying (the science of the heart).

- The (ruler who has absolute power) had to flee the country and live in exile in France.

- Dr. Frye is a great (doctor who works directly with patients) who always listens.

- The (person who studies human cultures) is interested in families in ancient China.

- A hawk is one example of a (n) (relating to an animal that hunts prey) animal.

- Reading about (the student of how heavenly bodies influence people) is fun!

Greek and Latin Roots tele, medi, funct, struct

DIRECTIONS Write each word from the Word Bank next to its meaning

Construction	Function	Intermediary	Mediocre	Telegram
Destructive	Functionaries	Medial	Semifunctional	Telephone
Dysfunction	Instructions	Mediate	Substructural	televise

- | | |
|-----------------------------------|----------|
| 1. Of only moderate quality | 1. _____ |
| 2. Go-between | 2. _____ |
| 3. Partially capable of operating | 3. _____ |
| 4. Orders or directions | 4. _____ |

- | | |
|---|-----------|
| 5. Performance that is not normal | 5. _____ |
| 6. The act of building | 6. _____ |
| 7. Officials | 7. _____ |
| 8. Device used to speak over distances | 8. _____ |
| 9. To act between opposing sides | 9. _____ |
| 10. To send pictures by television | 10. _____ |
| 11. The purpose intended for a thing | 11. _____ |
| 12. Causing ruin | 12. _____ |
| 13. Message written from signals received | 13. _____ |
| Over a distance | |
| 14. Something that forms a foundation | 14. _____ |
| 15. Mean | 15. _____ |

Free Choice Research Project: You can choose a topic that interests you to research. Do research by looking on the internet and collecting information. You could read a book, newspaper, or magazine. There may be an interesting subject on television, especially on PBS or the History Channel. You could talk with the elders in your family about their history. Try to become an expert about something. Write down all that you learn. You could make a video to share your new knowledge and show it to your family and friends. You could create a poster with illustrations about the knowledge you gained from your research. Please let me know what you are researching. I can help you find resources. My cell is 480-620-2534.

Fun Writing Prompts: Here is a list of fun writing prompts to practice your writing every day.

- If you could end any one problem in the world, what would it be? Why?
- Write about three values that are important to your family.
- If someone wrote a book about you, what would it be about?
- What does it feel like to be wrong?
- If you could choose between sky diving or scuba diving, which would you choose? Why?
- Write about what has happened in your life between now and when you are twenty-two years old.

I miss every single one of you, every day! I hope you are staying healthy, happy, and continuing to learn during this break from school. Please be the patient with one another and kind with yourself and your family.

Ms. Price