

SAINT ANGELA SCHOOL

ALTERNATIVE LEARNING PLAN ASSIGNMENTS

Week of April 27, 2020

Teacher _____ Mrs. Watson _____

Grade _____ 7 _____

The Alternative Learning Plan Assignments listed below will facilitate continuous uninterrupted learning with assignments based on the academic standards promulgated by the State of Illinois and the Archdiocese of Chicago. Scholars are expected to complete the assignments as described, and submit them when they return to school. That date has yet to be determined. Each Sunday around 5:00 PM, beginning on March 15 until school resumes, your scholar's Alternative Learning Plan Assignments will be posted on our school website. Parents, thank you in advance for your kind and generous assistance in extending learning into the home during this very difficult and trying time. Be safe and God bless!

Hello Seventh Grade!

Math: DO YOUR XTRAMATH! Thanks to Trevon who is doing his XtraMath.

This week we are going to continue our work on circles. Last week we learned about Pi. This week we are going to use Pi to calculate the area of a circle. You need to know that to do the area of a circle, which is this week's lesson. The formula for the area of a circle is Pi times the radius squared. Finding the area of circles introduces the number called Pi (pronounce PIE). Pi is the relationship between the diameter of a circle and the circle itself. Pi is equal to 3.14, for our purposes.

Here is a video to learn to calculate the area of circle using Pi:

<https://virtualnerd.com/geometry/length-area/circles-sectors-area/circle-area-from-diameter>

This week we are going to learn how to calculate the area of a triangle. Think of a triangle as half a square. If you think of them that way, it may help you to remember the formula. The formula is $\frac{1}{2}$ base X height.

so some examples on **our Monday Zoom Conference call from 9:00-9:45**. Watch for the Zoom link and password in a separate email. I will send it on Sunday.

<https://virtualnerd.com/pre-algebra/perimeter-area-volume/perimeter-and-area/area-formulas-examples/triangle-area-example>

You can also get the homework and videos from my website:

<http://title1saintangela.weebly.com/homework.html>

The worksheets are also pasted on page 3 and 4 of this document. When you complete the worksheet take a picture of your work and email it to me at cwatson@saintangela.org I will go over an example for you on **our Monday Zoom Conference call from 10:00-10:45**. Watch for the Zoom link and password in a separate email that I will send on Sunday.

No printer? Look at the worksheets below and write the answers on another sheet of paper.

Bless me, O Lord with good health, and heal all the troubles of my mind, spirit, and body.

There are also hard copies of all worksheets for the rest of the school year for you in the cafeteria. They are on a table with a pink sheet of construction paper that says Title 1 Grade 7.

English/Language Arts: Choose 1 more activity from your choice board. Listed below...keep paging down. This week we will continue our audio book club by listening to "A Long Walk to Water" By Linda Sue Park. I am listening the version that is read by Chris Daniel. I have pasted this week's audio book links below. I am using Watchkin because it doesn't have ads and takes out the negative comments.

"A Long Walk to Water" switches back and forth between the TRUE story of a girl named Nya who lives in the southern part of the Sudan in 2008, and a boy named Salva, who lived in the Sudan in 1985. So, you will jump from the Nya in the modern day, to Salva in the 1980's. The book has pretty short chapters, so it won't take long to listen to.

Here are the new Chapters:

Monday: chapter 14 <https://watchkin.com/39847a9f6e>

Tuesday: chapter 15 <https://watchkin.com/5fefef542>

Wednesday: chapter 16 <https://watchkin.com/51137e1900>

Thursday: chapter 17 <https://watchkin.com/8d106e03b4>

Friday: chapter 18 <https://watchkin.com/c7562d957a>

We can also discuss these five chapters at our weekly Zoom conference on Monday from 10:00-10:45.

Monday: Chapter 10: <https://watchkin.com/9038226599>

Tuesday: Chapter 11: <https://watchkin.com/84afae1c9c>

Wednesday: Chapter 12: <https://watchkin.com/c98fc91016>

Thursday: Chapter 13: <https://watchkin.com/d86a36ae6e>

Chapters you should have read April 14-19.

Monday: Chapter 6 <https://watchkin.com/8a70a8e8b2>

Tuesday: Chapter 7 <https://watchkin.com/1b6e656a10>

Wednesday: Chapter 8 <https://watchkin.com/1b6e656a10>

Thursday: Chapter 9 <https://watchkin.com/36d61e9c46>

Friday: Catch up on your work.

These are the chapters you should have listened to the week of March 30-April 3.

Monday: Chapter 1: <https://watchkin.com/322edaf664>

Bless me, O Lord with good health, and heal all the troubles of my mind, spirit, and body.

Tuesday: Chapter 2: <https://watchkin.com/0738221fc2>

Wednesday: Chapter 3: <https://watchkin.com/daf451ed1a>

Thursday: Chapter 4: <https://watchkin.com/6dd665fd32>

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Friday: Chapter 5: <https://watchkin.com/1b7905a8ef>

After you listen, complete three activities from the choice board pasted below.

Bless me, O Lord with good health, and heal all the troubles of my mind, spirit, and body.

READING RESPONSE CHOICE BOARD

Select a reading challenge from the choices below. Be sure that you include textual details in your response.

<p>CHALLENGE #1</p> <p>Make PREDICTIONS. What do you think will happen next in the PLOT? Explain and support your predictions.</p>	<p>CHALLENGE #2</p> <p>Doodle SKETCHES of 4 important characters. Below each doodle write why the character is important.</p>	<p>CHALLENGE #3</p> <p>Give the book you are reading an AWARD (good or bad). Explain why the book deserves the award you created.</p>	<p>CHALLENGE #4</p> <p>Design a MOVIE POSTER for the book you are reading. Write 4+ sentences summarizing the book to accompany the poster.</p>
<p>CHALLENGE #5</p> <p>Write a pretend EMAIL to the author of the book. Share your thoughts on the story. Ask the author questions.</p>	<p>CHALLENGE #6</p> <p>Write about how this book relates to your OWN LIFE. Describe how the characters, settings, and plot connect to you.</p>	<p>CHALLENGE #7</p> <p>Write about a CHARACTER that you admire. What qualities do you admire? What makes the character special?</p>	<p>CHALLENGE #8</p> <p>Think of 3 REASONS why others should read this book. Write 2 sentences to support each of your reasons.</p>
<p>CHALLENGE #9</p> <p>Imagine that you have to give the main character a GIFT. Write about what you would give the main character and explain why.</p>	<p>CHALLENGE #10</p> <p>Draw a MEMORABLE scene from your reading. Write a summary of the scene under your sketch.</p>	<p>CHALLENGE #11</p> <p>Make a TOP 10 LIST of the best parts of the book so far.</p>	<p>CHALLENGE #12</p> <p>WRITE about the book you are reading. Incorporate the following words in your response: favorite, think, curious, happy.</p>
<p>CHALLENGE #13</p> <p>Write a LETTER to the protagonist in the book. The protagonist is often the story's hero. Share your reactions to his or her actions in the book.</p>	<p>CHALLENGE #14</p> <p>Write a NEWS ARTICLE about an important event in the book. Be sure to answer the questions WHO, WHAT, WHERE, WHEN, and WHY.</p>	<p>CHALLENGE #15</p> <p>Create a list of 5 LESSONS you have learned about life from this book. Connect the lessons to events in the book.</p>	<p>CHALLENGE #16</p> <p>Sketch a postcard from a SETTING in the book. Then, write a description of the setting and an explanation for its significance.</p>

Lesson 5.6 Circles: Area

To find the area of a circle, use the formula $A = \pi \times r^2$. Remember, the radius (r) is half the diameter. It is the distance from the center of the circle to its outer edge.

Find the area of each circle below. Use 3.14 for π . Round your answer to the nearest tenth.

1. **a** **b** **c**

_____ square feet _____ square meters _____ square centimeters

2. **a** **b** **c**

_____ square yards _____ square kilometers _____ square inches

Complete the chart for each circle described below. Use 3.14 for π . When necessary, round to the nearest tenth.

	Diameter	Radius	Area
3.	_____ inches	3 inches	_____ square inches
4.	18 feet	_____ feet	_____ square feet
5.	17 meters	_____ meters	_____ square meters
6.	_____ centimeters	32 centimeters	_____ square centimeters

Lesson 5.10 Area: Triangles

To find the area of a triangle, find $\frac{1}{2}$ the product of the measure of its base and its height.

$$A = \frac{1}{2} \times b \times h$$

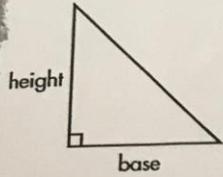
$b = 6$ in. and $h = 8$ in.

Find A .

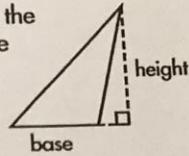
$$A = \frac{1}{2} \times b \times h$$

$$A = \frac{1}{2} \times 6 \times 8$$

$$A = 24 \text{ in.}^2$$

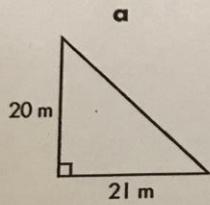


The height is the distance from the base to the highest point on the triangle, using a line perpendicular to the base.

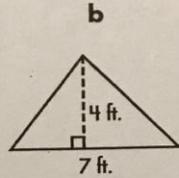


Find the area of each triangle.

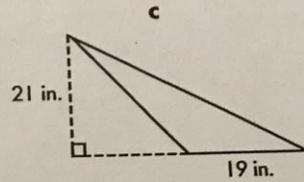
1.



area = _____ m^2

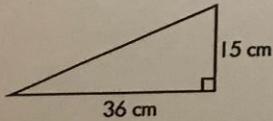


area = _____ ft.^2

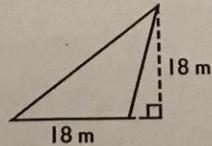


area = _____ in.^2

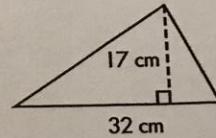
2.



area = _____ cm^2

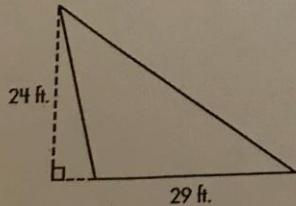


area = _____ m^2

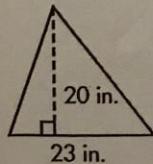


area = _____ cm^2

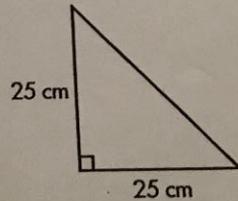
3.



area = _____ ft.^2



area = _____ in.^2



area = _____ cm^2

es of my mind, spirit, and body.