

SAINT ANGELA SCHOOL

ALTERNATIVE LEARNING PLAN ASSIGNMENTS

Week of April 20, 2020

Teacher _____ Mrs. Watson _____

Grade _____ 8 _____

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 Rashad who has been working on xtramath. This week we are going to work on circles. On March 30 you had a circle worksheet, but Rashad Broughton is the only one who turned it in! Way to go Rashad! RASAHD doesn't have to do it again, but I am giving the rest of you the parts of a circle again. You need to know the parts of a circle to calculate 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. However, Pi is a number that goes on for 3 TRILLION digits, without repeating. Don't worry, I won't make you memorize past the hundredths place, $\pi=3.14$. We have talked about it before in class because this is the number that people love. March 14 is Pi day worldwide, where people celebrate the number 3.14. People wear t-shirts with 3.14 on them, contests are held to name Pi to as many decimal places as you can, and computers are programed to find Pi to the 3 trillionth decimal place. FUN!

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

Circumference of a circle:

http://psn.virtualnerd.com/viewtutorial/PreAlg_11_03_0005

<http://www.virtualnerd.com/middle-math/geometry-measurement/circle-circumference-area/circle-area-from-diameter>

All worksheets and videos are also available on 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 12:30-1:00**. 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.

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 8.

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

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 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 too.

We can also discuss the first five chapters at our weekly Zoom conference on Monday from 9:00-9:40. I shared with you a Zoom video of an overview of these five chapters.

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>

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.

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

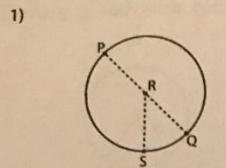
Name : _____

Score : _____

Parts of Circle

Easy: S1

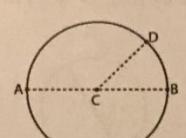
Identify the parts of each circle.



Center = _____

Radius = _____

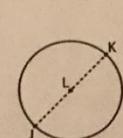
Diameter = _____



Center = _____

Radius = _____

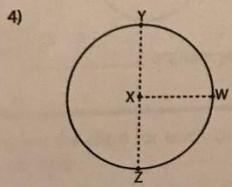
Diameter = _____



Center = _____

Radius = _____

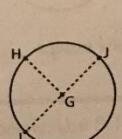
Diameter = _____



Center = _____

Radius = _____

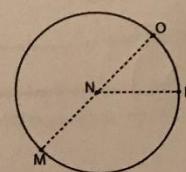
Diameter = _____



Center = _____

Radius = _____

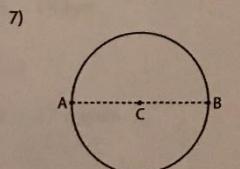
Diameter = _____



Center = _____

Radius = _____

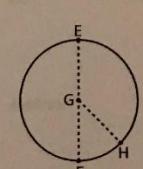
Diameter = _____



Center = _____

Radius = _____

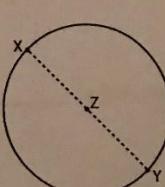
Diameter = _____



Center = _____

Radius = _____

Diameter = _____



Center = _____

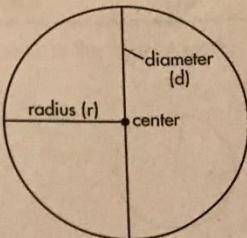
Radius = _____

Diameter = _____

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

Lesson 5.5 Circles: Circumference

A **circle** is a set of infinite points that are all the same distance from a given point, called the **center**. The perimeter of a circle is called the **circumference**. The **diameter** is a segment that passes through the center of the circle and has both endpoints on the circle. The **radius** is a segment that has as its endpoints the circle and the center. The relationship between the circumference (C) and the diameter (d) is $C = \pi d$. Pi (π) is approximately $3\frac{1}{7}$ or 3.14. To find the circumference, diameter, or radius of a circle, use the formulas $C = \pi \times d$ or $C = 2 \times \pi \times r$.



Complete the table. Use 3.14 for π .

a Diameter	b Radius	c Circumference
1. _____ feet	_____ feet	4.71 feet
2. 3.5 meters	_____ meters	_____ meters
3. _____ inches	3.25 inches	_____ inches
4. _____ yards	_____ yards	26.69 yards
5. 7.5 centimeters	_____ centimeters	_____ centimeters
6. _____ inches	15 inches	_____ inches
7. _____ meters	_____ meters	7.85 meters
8. 5 kilometers	_____ kilometers	_____ kilometers
9. _____ feet	_____ feet	31.4 feet
10. _____ centimeters	45 centimeters	_____ centimeters
11. 4 yards	_____ yards	_____ yards
12. _____ miles	_____ miles	9.42 miles