Name:_____

September

Our Lady of Grace

Grade 8

Summer Reading

Students are to choose ONE book to read and complete the activity assigned.

The Five People You Meet in Heaven
By: Mitch Albom

The Giver
By: Lois Lowry

✷ Reading
- List 8 of the most important events in the main character's life.
- What song would you attach to that event?
  - List song title and artist or band
  - Provide text evidence of why that is an appropriate song choice
  - Explain how the song and the event are related

✷ Speaking Assignment
  - Present project to the class
This will be used for the first Reading and Speaking grades of the year.

	4	3	2	1
Use of Graphics	All graphics are related to the topic and make it easy to understand	Most of the graphics are related to the topic and make it easy to understand.	Some of the graphics are related to the topic and make it easy to understand.	None of the graphics are related to the topic and make it easy to understand.
Evidence	All evidence provided supports the song choice	Most of the evidence provided supports the song choice.	Some of the evidence provided supports the song choice	None of the evidence provided supports the song choice
Layout and Design	Whole presentation is completed with no stray markings and is easy to read.	Most of the presentation is completed with no stray markings and is easy to read.	Some of the presentation is completed with no stray markings and is easy to read.	None of the presentation is completed with no stray markings and is easy to read.
Organization	All of the information is clear and organized neatly.	Most of the information is clear and organized neatly.	Some of the information is clear and organized neatly.	None of the information is clear or organized neatly.

Name	Date
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Summer Reading
Soundtrack

Event	Song title	Text Evidence	Explain
1			
2			
3			
4			
5			

Event	Song	Text evidence	Explanation
6			
7			
8			

7TH into 8TH GRADE SUMMER MATH SKILL PRACTICE LIST:

REMEMBER LOG ONTO 7TH IXL...then 8TH IXL as noted. Go to the letter then complete the number skill.

DIRECTIONS/REMINDERS: I would check the skill off as you complete it!

Complete 80% or better for each of the skills sets. ALL the required skills listed are all 4th-6th grade content. None of the skills should be new content. If students need to they can click on the answer description on IXL after they answer. You may complete what you think are "easy" skills first, but all skills must be completed. AGAIN- you may go "out of order" as long as every skill listed is 80% or better. I would suggest- to complete a few skills at a time- half hour a day or save for early morning /rainy days. DO NOT WAIT TILL THE LAST MINUTE/ NIGHT BEFORE SCHOOL STARTS!

I will be able to see which students log on, how long and when. All summer **IXL MATH is due August 30th.**

Any student that does not complete the assignment will receive a zero. Any student that completes less than 47 out of the 77 assigned-the highest score you can receive is a 60%. I will spot check over the summer to see if students are working on skills- I will also print out student score sheets which are tracked by IXL the morning of 8/30. I can also see if students randomly complete/fill in answers to "get it done" which will result in a low score. You are responsible to get your work done by 8/30. Any skill not completed will not receive credit. Look it up if you are not sure how to "do the work".

LOG ONTO 7TH grade IXL....some of these you have started- make sure they are 80% or better before you move to the next skill.

Week 1- A. Number theory
2- Prime factorization

B. Integers
5-Absolute value and opposite integers

C. Operations with integers
24- Add, subtract, multiply, and divide integers

D. Decimals
1-Decimal numbers review

F. Fractions and mixed numbers
2-Equivalent fractions

G. Operations with fractions
3-Add and subtract mixed numbers
9- Multiply fractions
10- Multiply mixed numbers
13- Divide mixed numbers

Week 2-
H. Rational numbers
3-Convert between decimals/ fractions/ mixed numbers
4- Identify rational numbers

J. Ratios, rates, and proportions
1- Understanding ratios
3- Write an equivalent ratio
5- Unit rates
9- Do the ratios form a proportion?

I. Exponents and square roots
1-Understanding exponents
2- Evaluate exponents

P. Coordinate plane
1- Coordinate plane review
2- Quadrants and axes

Week 3-
L. Percents
2- Convert percents, fractions, and decimals
8- Solve percent equations
10-Percent of change

M. Consumer math
6- Percent of a number: tax, discount, etc.
12- Simple interest

K. Proportional relationships
6- Identify proportional relationships from graphs and equations
7- Identify proportional relationships from tables

R. Expressions and properties
2- Write variable expressions: two or three operations
12- Simplify expressions by combining like terms
14- Multiply using the distributive property

Week 4-

T. One-variable inequalities
4- Solve one-step inequalities
7- Solve two-step inequalities

BB. Pythagorean theorem
1- Pythag. theorem: find the length of hypotenuse
2- Pythag. theorem: find the missing leg length

V. Linear functions
1- Find the slope from a graph
2- Find the slope from two points
4- Find the slope from an equation

W. Two-dimensional figures
3- Classify triangles
9- Find missing angles in triangles
17- Find measures of complementary, supplementary, vertical, and adjacent angles
20- Transversals of parallel lines: name angle pairs
21- Transversals of parallel lines: find angle measures
23- Parts of a circle

Week 5-

Y. Geometric measurement
1- Perimeter
2- Area of rectangles and parallelograms
3- Area of triangles and trapezoids
17- Surface area of cylinders
22- Volume of cylinders

AA. Transformations and congruence
4- Identify reflections, rotations, and translations
7- Translations: find the coordinates
9- Reflections: find the coordinates

13- Rotations: find the coordinates

CC. Data and graphs
2- Interpret line plots
6- Create stem-and-leaf plots

Week 6-

DD. Statistics
1- Calculate mean, median, mode, and range
7- Identify an outlier

EE. Probability
1- Probability of simple events
10- Probability of compound events

go to 8th grade level ON IXL

E. Scientific Notation
1. Convert between standard and scientific notation

F. Square roots and cube roots
1- Square roots of perfect squares

7- Cube roots of positive perfect cubes

Week 7- REMEMBER TO STAY ON 8TH GRADE IXL

V. Geometric measurement
4- Area and circumference of circles
8- Volume of cubes, prisms, and pyramids

9-Surface area of cubes, prisms, and pyramids
11-Volume of cones
13-Surface area of cones
14- Volume of spheres

Y. One-variable equations

11-Solve equations involving like terms
12-Solve equations with variables on both sides
14-Solve equations with the distributive property
15- Solve multi-step equations

AA. Linear equations

*DOES NOT HAVE A NUMBER BUT IT IS AFTER AA4   •Slope-intercept form: find the slope and y-intercept
8- Write a linear equation from a slope and y-intercept
9-Write a linear equation from a graph
12- Convert a linear equation in standard form to slope-intercept form

BB. Functions

1-Identify functions
2- Identify functions: graphs
25- Domain and range of functions