LAKEWOOD CATHOLIC ACADEMY

SUMMER 2016
SUMMER ASSIGNMENTS FOR STUDENTS ENTERING GRADE 8 FROM PRE-ALGEBRA (MR. FLANDERA'S CLASS)

SUMMER IXL MATH ASSIGNMENTS

The material below should be review/reinforcement. If a refresher is needed, please try www.khanacademy.org. You do not need to join Khan Academy. Simply hover at the top of the home page and a search bar will appear. Type in the topic of interest, for example, proportions. Most skills will be reviewed via a video tutorial. Please email Mrs. McGuire at emcguire@lcasaints.com with questions. Completion of these skills is mandatory and will be assessed as the first homework grade of the 2016 – 2017 school year.

To be completed at the level indicated no later than June 30.

Heading	Skill	Description of Skill
8th grade: Operations with Integers	C4	Adding and subtracting integers
8th grade: Operations with Integers	C7	Multiplying and dividing integers
8th grade: Ratios and Proportions	H5	Unit Rates
8th grade: Percents	J1	Convert between fractions, decimals, and percents
8th grade: Percents	J2	Compare percents to fractions and decimals
8th grade: One variable equations	U1	Which x satisfies the equation?
8th grade: One variable equations	U2	Write equations from words
8th grade: One variable equations	U5	Solve one step equations

To be completed at the level indicated no later than July 31.

Heading	Skill	Description of Skill
8th grade: Properties	T1	Properties of addition and multiplication
8th grade: Properties	T2	Distributive property
Algebra 1 level: Numbers	A3	Absolute value and opposites
Algebra 1 level: Numbers	A7	Square roots
Algebra 1 level: Geometry	F1	Perimeter
Algebra 1level: Geometry	F2	Area
Algebra 1 level: Data and graphs	N1	Interpreting bar graphs, line graphs, and histograms
Algebra 1 level: Data and graphs	N3	Circle graphs

*Please Note: Occasionally IXL adds skills over the summer, which affects the skill numbers. When in doubt, follow the description of the skill, rather than the skill number.

SUMMER READING ASSIGNMENTS

1. Read one fiction book of your choice at or above the Grade 7 reading level.
2. *The Boys in the Boat (Young Readers Adaptation): The True Story of an American Team's Epic Journey to Win Gold at the 1936 Olympics* by Daniel James Brown