Suggested Summer Work for Rising 8th Graders

Practice Your Reading & Math Skills

The following reading/math assignments are targeted to help you get ready for next year by keeping up with your skills. You may complete some or all the following during your break

Summer Reading List

Books that connect to Language Arts/Reading:

1. The Book Thief by Markus Zusak
2. Five Feet Apart by Rachael Lippincott
3. The Crossover by Kwame Alexander
4. Refugee by Alan Gratz
5. Wonder by R.K. Palacio

Books that connect to U.S. History//Civics:

6. Attack of the Turtle by Drew Carlson (Revolutionary War)
7. Silent Thunder by Andrea Davis Pinkney (Civil War)
8. Fever 1793 by Laurie Halse Anderson (Early Modern America)
9. The Inquisitor's Tale by Adam Gidwitz (Pre-Enlightenment Europe)

Books that connect to Science/Biology:

10. The Martian by Andy Weir

IXL Recommendations for English Language Arts Grade 8

Reading Strategies:
1. F.1 Analyze Short Stories
2. C.1 Identify Author's Purpose
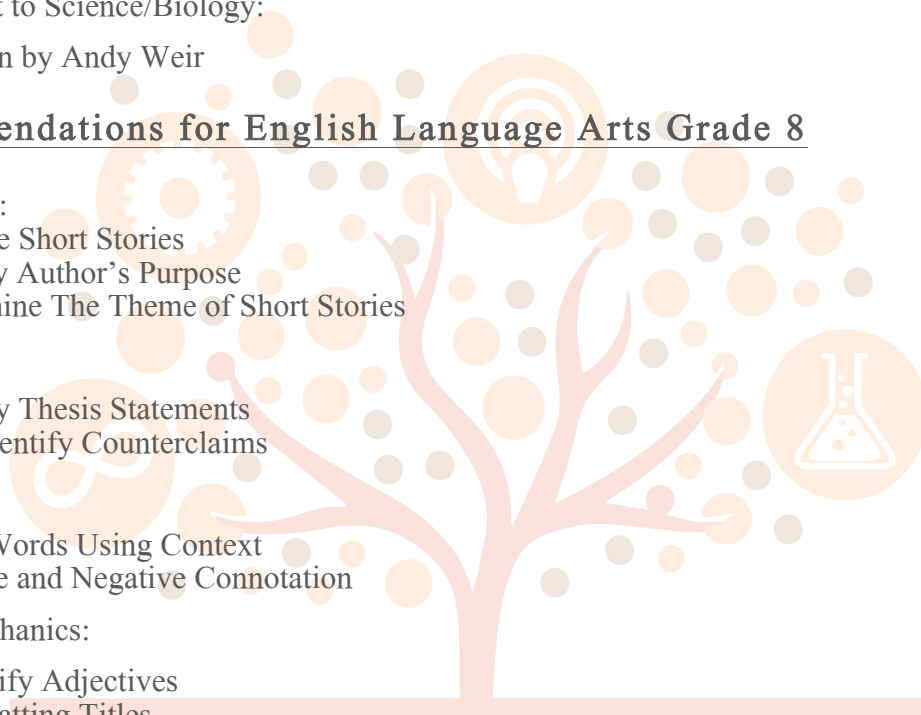3. B.2 Determine The Theme of Short Stories

Writing Strategies:

4. K.1 Identify Thesis Statements
5. K. New! Identify Counterclaims

Vocabulary:

6. W.1 Find Words Using Context
7. T.2 Positive and Negative Connotation

Grammar and Mechanics:

8. HH.1 Identify Adjectives
9. RR.1 Formatting Titles
10. QQ.1 Correct Capitalization Errors

IXL Recommendations for Math 3-Pre-Algebra

1. A.1 Factors
2. A.5 Greatest Common Factor
3. A.6 Least Common Multiple
4. B.1 Integers on a Number Line
5. C.1 Integer addition and subtraction rules
6. D.1 Write Fractions in Lowest Terms
7. F.1 Understanding Exponents
8. G.1 Convert Between Standard and Scientific Notation
9. G.1 Convert Between Standard and Scientific Notation
10. H.1 Understanding Ratios

*Be sure to click on "Learn with an Example" first. If you have completed this lesson, continue working toward mastery of 80% or greater.

IXL Recommendations for Algebra

1. G.1 Coordinate Plane Review
2. J.3 Solve One-Step Linear Equations
3. J.4 Solve Two-Step Linear Equations
4. P.2 Arithmetic Sequences
5. P.3 Geometric Sequences
6. S.3 Find the Slope of a Graph
7. S.4 Find the Slope from Two Points
8. S.8 Slope-Intercept Form: Write an Equation from A Graph
9. BB.1 Characteristics of Quadratic Functions: Graphs
10. BB.2 Characteristics of Quadratic Functions: Equations

IXL Recommendations for Geometry

1. B.6 Perpendicular Bisector Theorem
2. C.2 Angle Measures
3. E.1 Coordinate Plane Review
4. F.2 Triangle Angle-Sum Theorem
5. F.3 Exterior Angle Theorem
6. M.2 Triangles and Bisectors
7. M.4 Angle-Side Relationships in Triangles
8. R.1 Trigonometric Ratios: Sin, Cos, and Tan
9. S.10 Area and Perimeter of Similar Figures
10. T.5 Volume of Prisms and Cylinders
11. T.6 Volume of Pyramids and Cones
12. T.7 Volume of Spheres