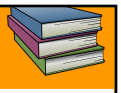
7th Grade Essential Standards

For students completing 7th grade.

More about the Standards

Essential standards are a carefully selected subset of the total list of the grade-specific and course-specific standards within ELA and Math that students must know and be able to do by the end of each school year to be best prepared to enter the next grade level. These standards are deeply emphasized in the learning environment throughout the school year and addressed in multiple Math and ELA units of study. Throughout the year, teachers provide support for students who haven't yet mastered these essential standards and extend learning for those who already have. Essential Standards do **not** represent all that is taught during the school year. They do, however, represent the **most critical standards** a student must know and be able to do in preparation for the next school year.

ELA Essential Standard



Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the texts.

Practice this standard by creating an explicit (right there in the text) vs. inferred (use clues to figure out), two column, chart.

Example: Choose a favorite story, book, or movie. From this, choose a topic. A topic is usually one word. (e.g. Love, Friendship, etc.) As you choose evidence to support your idea of a topic in the story, sort them into a 2 column chart. In one column list your explicit textual evidence, in the other your inferred textual evidence. For the inferred, remember to state what is being inferred.

In real life choose a person in your extended family who loves a certain topic. (e.g. White Sox, Pizza, etc.) List any evidence this family member has provided, either by dialogue or action, that support this topic into either explicit or implicit columns.

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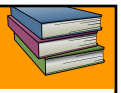

Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the texts.

Practice this standard by using famous quotes from movies as quotes from text. (Basically asking, what does it mean.) Check that they are accurately quoted, draw inferences, and explain thinking.

Example: “You’re killing me Smalls!” - *Sandlot* (I can infer Ham is frustrated with Smalls. I know this because Smalls repetitively gives the wrong answers to Ham about well known baseball players and Ham is expecting him to know the correct answers.

In real life use accurate quotes from movies to imply meanings. (Allusion) Explain what is meant by your allusion by giving the context. Tell what you are connecting to as well as the meaning of your allusion.

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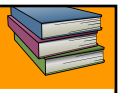

Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the texts.

Practice this standard by using your favorite famous speech.

Example: What is the speaker's attitude toward a certain topic? List text evidence or quotes from the speech that proves your ideas for how the speaker feels about that topic. (e.g. Martin Luther King feelings toward equality.)

In real life choose a topic that you are passionate about. (e.g. Homework should never be given on weekends.) Pretend you are giving a 30 second speech on the topic. After you create your speech, highlight the sentences or phrases that demonstrate your attitude toward the topic.

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Math Essential Standard

Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related. *For example, a + 0.05a = 1.05a means that "increase by 5%" is the same as "multiply by 1.05."*

Practice this standard by reviewing mathematical vocabulary.

Example: "x+4" is the same as "the sum of x and 4"

In real life: Create a chart with four sections, each one labeled multiplication, division, subtraction, and addition. Review the following terms and determine where they belong on the chart: sum, difference, product, quotient. Continue filling in the chart with examples and more terms used to describe each operation.

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Math Essential Standard

Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies.

Practice this standard by calculating tips and discounts.

Example: If a woman making $25 an hour gets a 10% raise, she will make an additional 1/10 of her salary an hour, or $2.50, for a new salary of $27.50.

In real life: Grab a restaurant bill or a recent receipt. What would the bill be with a 20% tip? With a 25% discount coupon? Pick different tips and discounts to calculate for a bill or receipt.

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Math Essential Standard

Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.

Practice this standard by creating shopping cart scenarios.

Example: “A number increased by 15 is less than 60” can be written as “x+15 < 60”

In real life: Write and solve inequalities for grocery store purchases. For example, how many $5 pizzas can you buy if you are buying $3 of milk and have a maximum budget of $23? Write as an inequality and solve.

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Math Essential Standard

Solve real-world and mathematical problems involving the four operations with rational numbers.

Practice this standard by using a deck of cards to create mathematical equations.

Example: 14 + (-30) = -16

In real life: Pull two cards from a standard deck of cards. Red cards are negative integers and black cards are positive integers, with ace=1, jack=11, queen=12, and king=13. Write out a multiplication equation using the cards. For example, a red queen and a black 5 would result in -12 * 5=-60. You may pull more than two cards to create multi-step equations and may create addition and subtraction equations.

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Learn more about the D105 Essential Standards by visiting the Summer Learning for All website.

https://bit.ly/D105CONNECT

Scan with phone to visit site.