



# How to Support Learning at Home: A Play Card for Families



## Sixth-Eighth Grade Selected English Language & Writing Standards

	Sixth	Seventh	Eighth
Key Ideas & Details	<p>Use quotes from a book/ article, as well as clues, to support what the text says.</p> <p>Determine the central idea of a text and how it is told through particular details; provide a summary of the text with objective/neutral evidence.</p> <p>Describe how a particular story's events unfold in a series of episodes, as well as how the characters change as the story moves toward a resolution.</p>	<p>Cite several quotes, clues from the text, and events to support what the text says.</p> <p>Determine the central idea of a text and analyze its development over the course of the text (how does it change?); provide an objective summary of the text.</p> <p>Analyze how particular elements of a story interact (e.g., how setting shapes the characters or central idea).</p>	<p>Cite the quotes and use clues that most strongly support what the text says.</p> <p>Determine the central idea of a text and identify how it changes over the course of the story, including its relationship to the characters, setting, and plot; provide an objective summary of the text/ story.</p> <p>Analyze how particular quotes made by characters in a story cause certain actions, reveal information about a character, or provoke a decision.</p>
Writing	<p>Write arguments to support an idea with clear reasons and relevant quotes from the text.</p> <p>a. Introduce an argument and organize the reasons and evidence clearly.</p> <p>b. Support an argument with clear reasons and evidence, using credible sources and demonstrating an understanding of the topic.</p> <p>c. Establish and maintain a formal writing style.</p> <p>d. Provide a concluding statement that connects to the argument.</p>	<p>Write arguments to support ideas with clear reasons and relevant quotes from the text.</p> <p>a. Introduce an argument, acknowledge and address opposing arguments, and organize the reasons and evidence logically.</p> <p>b. Support an argument or counterarguments with logical reasoning and relevant evidence, using accurate sources and demonstrating an understanding of the topic.</p> <p>c. Establish and maintain a formal writing style.</p> <p>d. Provide a concluding statement that connects to the argument.</p>	<p>Write arguments to support ideas with clear reasons and relevant quotes from the text.</p> <p>a. Introduce an argument, acknowledge and distinguish the argument from other opposing ideas, and organize the reasons and evidence clearly and with valid reasons.</p> <p>b. Support an argument with logical reasoning and relevant evidence, using accurate sources and demonstrating an understanding of the topic.</p> <p>c. Establish and maintain a formal writing style.</p> <p>d. Provide a concluding statement that connects to the argument.</p>



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**Sample  
Activities  
& Online  
Resource to  
Practice with  
your Child at  
Home**

## Sixth

- ✓ Choose a social studies or science article on <https://www.dogonews.com/>
- ✓ Identify an opinion about the topic, develop reasons to support the opinion and cite examples from the text.
- ✓ To learn more about relevant and effective evidence to support your argument, view the following link: <https://www.pbslearningmedia.org/resource/6c92dbfe-e060-48a6-b3ac-14064b8132ec/argumentative-essay-citing-and-analyzing-evidence/>
- ✓ Write notes about the purpose and appropriate use of evidence, such as quotes or events from a story.

## Seventh

- ✓ Download books from Los Angeles City or County Libraries for free: <https://lacountylibrary.org/students/> <https://www.lapl.org/studentsuccess>
- ✓ Make a comic strip of 10 scenes identifying the essential events in the story. Explain why these are the main ideas.
- ✓ Practice organizing a 5-paragraph essay, starting with an outline, addressing prompts such as:
  - What are the benefits of learning online?
  - What are ways to stay healthy and safe when outside?
  - How can students continue learning from home for long periods of time?
- ✓ Proceed to transform your outline into a 5 paragraph essay, providing examples to support your opinion. [https://www.learningally.org/Portals/6/Docs/TeacherResources/LA\\_5-Paragraph-Essay-Template.pdf](https://www.learningally.org/Portals/6/Docs/TeacherResources/LA_5-Paragraph-Essay-Template.pdf)
- ✓ <https://www.slideshare.net/amonera/el-ensayo-de-5-prrafos>

## Eighth

- ✓ Learn about a 5-paragraph essay <https://www.youtube.com/watch?v=tim9oNx1cLU> <https://www.youtube.com/watch?v=uariEKu5cho>
- ✓ Write notes describing the sections included in a 5-paragraph essay.
- ✓ Write a 5-paragraph essay about a topic, a historical event, a theme in a book or a character using relevant and effective evidence. Answer the following prompt:
  - ✓ What historical event has directly impacted your family and how?
  - ✓ Is the process for electing a president in the United States fair?
  - ✓ Who is your admired historical figure and why?



# How to Support Learning at Home: A Play Card for Families



## Sixth-Eighth Grade Selected Mathematics Standards

	Sixth	Seventh	Eighth
Ratios and Proportional Relationships & Expressions and Equations	<p>Understand ratios and rates, and solve problems involving proportional relationships (e.g., if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours?)</p> <p>Write equations to solve word problems and describe relationships between quantities (e.g., the distance <math>D</math> traveled by a train in time <math>T</math> might be expressed by an equation <math>D = 85T</math>, where <math>D</math> is in miles and <math>T</math> is in hours)</p>	<p>Identify the constant of proportionality, or unit rate, in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.</p> <p>Solve equations such as <math>\frac{1}{2}(x - 3) = \frac{3}{4}</math> quickly and accurately, and write equations of this kind to solve word problems.</p>	<p>Understand slope, and relating linear equations in two variables to lines in the coordinate plane.</p> <p>Solving linear equations (e.g., <math>-x + 5(x + \frac{1}{3}) = 2x - 8</math>); solving pairs of linear equations (e.g., <math>x + 6y = -1</math> and <math>2x - 2y = 12</math>)</p> <p>Working with positive and negative exponents, square root and cube root symbols, and scientific notation (e.g., evaluating <math>\sqrt{36} + \sqrt{64}</math>; estimating world population as <math>7 \times 10^9</math>)</p>
Measurement and Geometry	<p>Reason about relationships between shapes to determine area, surface area, and volume</p>	<p>Use formulas for the area and circumference of a circle and use them to solve problems</p> <p>Understand facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure</p>	<p>Understanding congruence and similarity using physical models, transparencies, or geometry software (e.g., given two congruent figures, show how to obtain one from the other by a sequence of rotations, translations, and/or reflections)</p>
Sample Activities & Online Resource to Practice with your Child at Home	<ul style="list-style-type: none"> <li>✓ Khan Academy – 6th Grade Math: <a href="https://www.khanacademy.org/math/cc-sixth-grade-math">https://www.khanacademy.org/math/cc-sixth-grade-math</a></li> <li>✓ Khan Academy en Español – 6th Grade Math: <a href="https://es.khanacademy.org/math/cc-sixth-grade-math">https://es.khanacademy.org/math/cc-sixth-grade-math</a></li> <li>✓ Math Games for 6th Grade: <a href="https://www.hoodamath.com/games/sixth-grade.html">https://www.hoodamath.com/games/sixth-grade.html</a></li> <li>✓ Math Antics – Proportions: <a href="https://youtu.be/USmit5zUGas">https://youtu.be/USmit5zUGas</a></li> </ul>	<ul style="list-style-type: none"> <li>✓ Khan Academy – 7th Grade Math: <a href="https://www.khanacademy.org/math/cc-seventh-grade-math">https://www.khanacademy.org/math/cc-seventh-grade-math</a></li> <li>✓ Khan Academy en Español – 7th Grade Math: <a href="https://es.khanacademy.org/math/cc-seventh-grade-math">https://es.khanacademy.org/math/cc-seventh-grade-math</a></li> <li>✓ Math Games for 7th Grade: <a href="https://www.hoodamath.com/games/seventh-grade.html">https://www.hoodamath.com/games/seventh-grade.html</a></li> <li>✓ Math Antics – Ratios and Rates: <a href="https://youtu.be/RQ2nYUBVvqI">https://youtu.be/RQ2nYUBVvqI</a></li> </ul>	<ul style="list-style-type: none"> <li>✓ Khan Academy – 8th Grade Math: <a href="https://www.khanacademy.org/math/cc-eighth-grade-math">https://www.khanacademy.org/math/cc-eighth-grade-math</a></li> <li>✓ Khan Academy en Español– 8th Grade Math: <a href="https://es.khanacademy.org/math/cc-eighth-grade-math">https://es.khanacademy.org/math/cc-eighth-grade-math</a></li> <li>✓ Math Games for 8th Grade: <a href="https://www.hoodamath.com/games/eighth-grade.html">https://www.hoodamath.com/games/eighth-grade.html</a></li> <li>✓ Math Antics – Basic Linear Functions: <a href="https://youtu.be/MXV65j9g1Xg">https://youtu.be/MXV65j9g1Xg</a></li> </ul>



# Family Friendly Math Glossary

**Absolute value** – the positive distance between a number and zero

**Area** – the space inside a two-dimensional figure, measured in square units

**Coordinate plane** - The plane containing an “x” axis and “y” axis

**Decimal** – a number expressed in place value format

**Denominator** – in a fraction, the bottom number which tells how many equal parts the whole is divided into

**Difference** – the result of a subtraction problem, how much one number differs from another

**Digit** - a single symbol used to make a numeral

**Dividend** – in a division problem, the number that is being divided up

**Divisor** – the number that you divide by

**Factor** – numbers we can multiply together to get a product

**Fraction** - How many parts of a whole

**Greatest Common Factor or Greatest Common Divisor (GCD)** – the largest shared factor of two or more numbers

**Improper fraction** – a fraction where the numerator is greater than the denominator, example:  $\frac{4}{3}$

**Place value** – the value of where a digit is placed in a number. In the example below, the 5 is in the hundreds place. You would read this number as “four hundred fifty-three thousand, five hundred seventy-six and one hundred twenty-two thousandths”.

**Integers** – all positive and negative whole numbers (no decimals)

**Least Common Multiple (LCM)** – the smallest positive number that is a multiple of two or more numbers

**Mixed number** – a whole number and a fraction added together, example:  $4\frac{1}{2}$

**Multiple** - The result of multiplying a number by an integer (not by a fraction)

**Numerator** – in a fraction, the top number which says how many parts there are

**Percent** – an amount expressed as parts of 100 or per 100, example: 15% means 15 out of 100

**Perimeter** – the shortest distance around a shape (polygon)

**Place Value** – see below

**Polygon** – a closed two-dimensional figure with straight sides

**Product** – the result of a multiplication problem

**Proportion** - Proportion says that two ratios (or fractions) are equal

**Quotient** – the answer or result of a division problem

**Rate** – a comparison of two related quantities, example: miles per hour, meals per day, dollars per month

**Ratio** - a statement of how two numbers compare. It is a comparison of the size of one number to the size of another number, example: 3 apples; 2 bananas ; 4 scooters to 5 motorcycles

**Remainder** – the amount left over after division when the divisor does not evenly divide into the dividend

**Simplest form** – a fraction that has no common factors in its numerator or denominator

**Simplify** – to simplify a fraction is to remove all common factors from the numerator and denominator; equations and expressions are set to standard form

**Sum** – the answer or result of an addition problem

**Three-dimensional** - having three dimensions, height, width and length

**Two-dimensional** - having only two dimensions, width and length

**Volume** – the space inside a three-dimensional figure, measured in cubic units: example

**Whole number** - Any of the numbers {0, 1, 2, 3, ...} etc. Fractions, decimals and negative numbers are not included.

4	5	3	5	7	6	•	1	2	2
Hundred-thousands	Ten-thousands	thousands	hundreds	tens	ones/units	decimal	tenths	hundredths	thousandths