Teacher Created Resources

Grade 7

Common Core State Standards Checklist

Reading: Literature

Key Ideas and Details					
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
ELA-Literacy.RL.7.1 *Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.*					
ELA-Literacy.RL.7.2 *Determine a theme or central idea of a text and analyze its development over the course of the text; provide an objective summary of the text.*					
ELA-Literacy.RL.7.3 *Analyze how particular elements of a story or drama interact (e.g., how setting shapes the characters or plot).*					
Craft and Structure					
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
ELA-Literacy.RL.7.4 *Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of rhymes and other repetitions of sounds (e.g., alliteration) on a specific verse or stanza of a poem or section of a story or drama.*					

Craft and Structure

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.RL.7.5 Analyze how a drama's or poem's form or structure (e.g., soliloquy, sonnet) contributes to its meaning.					
ELA-Literacy.RL.7.6 Analyze how an author develops and contrasts the points of view of different characters or narrators in a text.					

Integration of Knowledge and Ideas

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.RL.7.7 Compare and contrast a written story, drama, or poem to its audio, filmed, staged, or multimedia version, analyzing the effects of techniques unique to each medium (e.g., lighting, sound, color, or camera focus and angles in a film).					
ELA-Literacy.RL.7.9 Compare and contrast a fictional portrayal of a time, place, or character and a historical account of the same period as a means of understanding how authors of fiction use or alter history.					

Range of Reading and Level of Text Complexity

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.RL.7.10 By the end of the year, read and comprehend literature, including stories, dramas, and poems, in the grades 6–8 text complexity band proficiently, with scaffolding as needed at the high end of the range.					

Reading: Informational Text

Key Ideas and Details

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.RI.7.1 Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.					
ELA-Literacy.RI.7.2 Determine two or more central ideas in a text and analyze their development over the course of the text; provide an objective summary of the text.					
ELA-Literacy.RI.7.3 Analyze the interactions between individuals, events, and ideas in a text (e.g., how ideas influence individuals or events, or how individuals influence ideas or events).					

Craft and Structure

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.RI.7.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of a specific word choice on meaning and tone.					

Craft and Structure

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.RI.7.5 *Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to the development of the ideas.*					
ELA-Literacy.RI.7.6 *Determine an author's point of view or purpose in a text and analyze how the author distinguishes his or her position from that of others.*					

Integration of Knowledge and Ideas

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.RI.7.7 *Compare and contrast a text to an audio, video, or multimedia version of the text, analyzing each medium's portrayal of the subject (e.g., how the delivery of a speech affects the impact of the words).*					
ELA-Literacy.RI.7.8 *Trace and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient to support the claims.*					

Integration of Knowledge and Ideas

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.RI.7.9 *Analyze how two or more authors writing about the same topic shape their presentations of key information by emphasizing different evidence or advancing different interpretations of facts.*					

Range of Reading and Level of Text Complexity

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.RI.7.10 *By the end of the year, read and comprehend literary nonfiction in the grades 6–8 text complexity band proficiently, with scaffolding as needed at the high end of the range.*					

Writing

	Text Types and Purposes				
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
ELA-Literacy.W.7.1 Write arguments to support claims with clear reasons and relevant evidence.					
ELA-Literacy.W.7.1a Introduce claim(s), acknowledge alternate or opposing claims, and organize the reasons and evidence logically.					
ELA-Literacy.W.7.1b Support claim(s) with logical reasoning and relevant evidence, using accurate, credible sources and demonstrating an understanding of the topic or text.					
ELA-Literacy.W.7.1c Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), reasons, and evidence.					
ELA-Literacy.W.7.1d Establish and maintain a formal style.					
ELA-Literacy.W.7.1e Provide a concluding statement or section that follows from and supports the argument presented.					

Text Types and Purposes

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.W.7.2 Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.					
ELA-Literacy.W.7.2a Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information, using strategies such as definition, classification, comparison/contrast, and cause/effect; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.					
ELA-Literacy.W.7.2b Develop the topic with relevant facts, definitions, concrete details, quotations, or other information and examples.					
ELA-Literacy.W.7.2c Use appropriate transitions to create cohesion and clarify the relationships among ideas and concepts.					
ELA-Literacy.W.7.2d Use precise language and domain-specific vocabulary to inform about or explain the topic.					

Text Types and Purposes

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.W.7.2e Establish and maintain a formal style.					
ELA-Literacy.W.7.2f Provide a concluding statement or section that follows from and supports the information or explanation presented.					
ELA-Literacy.W.7.3 Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.					
ELA-Literacy.W.7.3a Engage and orient the reader by establishing a context and point of view and introducing a narrator and/or characters; organize an event sequence that unfolds naturally and logically.					
ELA-Literacy.W.7.3b Use narrative techniques, such as dialogue, pacing, and description, to develop experiences, events, and/or characters.					
ELA-Literacy.W.7.3c Use a variety of transition words, phrases, and clauses to convey sequence and signal shifts from one time frame or setting to another.					

Text Types and Purposes

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.W.7.3d Use precise words and phrases, relevant descriptive details, and sensory language to capture the action and convey experiences and events.					
ELA-Literacy.W.7.3e Provide a conclusion that follows from and reflects on the narrated experiences or events.					

Production and Distribution of Writing

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.W.7.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in standards 1–3 above.)					

Production and Distribution of Writing

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.W.7.5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. (Editing for conventions should demonstrate command of Language standards 1–3 up to and including grade 7 here.)					
ELA-Literacy.W.7.6 Use technology, including the Internet, to produce and publish writing and link to and cite sources as well as to interact and collaborate with others, including linking to and citing sources.					

Research to Build and Present Knowledge

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.W.7.7 Conduct short research projects to answer a question, drawing on several sources and generating additional related, focused questions for further research and investigation.					

Research to Build and Present Knowledge					
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
ELA-Literacy.W.7.8 *Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.*					
ELA-Literacy.W.7.9 *Draw evidence from literary or informational texts to support analysis, reflection, and research.*					
ELA-Literacy.W.7.9a *Apply grade 7 Reading standards to literature (e.g., "Compare and contrast a fictional portrayal of a time, place, or character and a historical account of the same period as a means of understanding how authors of fiction use or alter history").*					
ELA-Literacy.W.7.9b *Apply grade 7 Reading standards to literary nonfiction (e.g. "Trace and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient to support the claims").*					

Range of Writing					
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
ELA-Literacy.W.7.10 *Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.*					

Speaking & Listening

Comprehension and Collaboration					
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
ELA-Literacy.SL.7.1 *Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 7 topics, texts, and issues, building on others' ideas and expressing their own clearly.*					
ELA-Literacy.SL.7.1a *Come to discussions prepared, having read or researched material under study; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.*					
ELA-Literacy.SL.7.1b *Follow rules for collegial discussions, track progress toward specific goals and deadlines, and define individual roles as needed.*					
ELA-Literacy.SL.7.1c *Pose questions that elicit elaboration and respond to others' questions and comments with relevant observations and ideas that bring the discussion back on topic as needed.*					

Comprehension and Collaboration

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.SL.7.1d *Acknowledge new information expressed by others and, when warranted, modify their own views.*					
ELA-Literacy.SL.7.2 *Analyze the main ideas and supporting details presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how the ideas clarify a topic, text, or issue under study.*					
ELA-Literacy.SL.7.3 *Delineate a speaker's argument and specific claims, evaluating the soundness of the reasoning and the relevance and sufficiency of the evidence.*					

Presentation of Knowledge and Ideas

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.SL.7.4 *Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation.*					

Presentation of Knowledge and Ideas

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.SL.7.5 Include multimedia components and visual displays in presentations to clarify claims and findings and emphasize salient points.					
ELA-Literacy.SL.7.6 Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate. (See grade 7 Language standards 1 and 3 here for specific expectations.)					

Language

Conventions of Standard English					
Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.L.7.1 *Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.*					
ELA-Literacy.L.7.1a *Explain the function of phrases and clauses in general and their function in specific sentences.*					
ELA-Literacy.L.7.1b *Choose among simple, compound, complex, and compound-complex sentences to signal differing relationships among ideas.*					
ELA-Literacy.L.7.1c *Place phrases and clauses within a sentence, recognizing and correcting misplaced and dangling modifiers.*					
ELA-Literacy.L.7.2 *Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.*					

Conventions of Standard English

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.L.7.2a Use a comma to separate coordinate adjectives (e.g., *It was a fascinating, enjoyable movie* but not *He wore an old[,] green shirt*).					
ELA-Literacy.L.7.2b Spell correctly.					

Knowledge of Language

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.L.7.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.					
ELA-Literacy.L.7.3a Choose language that expresses ideas precisely and concisely, recognizing and eliminating wordiness and redundancy.					

Vocabulary Acquisition and Use

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.L.7.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on *grade 7 reading and content*, choosing flexibly from a range of strategies.					

Vocabulary Acquisition and Use

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.L.7.4a Use context (e.g., the overall meaning of a sentence or paragraph; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.					
ELA-Literacy.L.7.4b Use common, grade-appropriate Greek or Latin affixes and roots as clues to the meaning of a word (e.g., *belligerent, bellicose, rebel*).					
ELA-Literacy.L.7.4c Consult general and specialized reference materials (e.g., dictionaries, glossaries, thesauruses), both print and digital, to find the pronunciation of a word or determine or clarify its precise meaning or its part of speech.					
ELA-Literacy.L.7.4d Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).					
ELA-Literacy.L.7.5 Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.					

Vocabulary Acquisition and Use

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
ELA-Literacy.L.7.5a Interpret figures of speech (e.g., literary, biblical, and mythological allusions) in context.					
ELA-Literacy.L.7.5b Use the relationship between particular words (e.g., synonym/ antonym, analogy) to better understand each of the words.					
ELA-Literacy.L.7.5c Distinguish among the connotations (associations) of words with similar denotations (definitions) (e.g., *refined, respectful, polite, diplomatic, condescending*).					
ELA-Literacy.L.7.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression.					

Ratios & Proportional Relationships

Analyze proportional relationships and use them to solve real-world and mathematical problems.					
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
Math.Content.7.RP.A.1 Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units. *For example, if a person walks $1/2$ mile in each $1/4$ hour, compute the unit rate as the complex fraction $1/2 / 1/4$ miles per hour, equivalently 2 miles per hour.*					
Math.Content.7.RP.A.2 Recognize and represent proportional relationships between quantities.					
Math.Content.7.RP.A.2a Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.					
Math.Content.7.RP.A.2b Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.					

Analyze proportional relationships and use them to solve real-world and mathematical problems.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.RP.A.2c Represent proportional relationships by equations. *For example, if total cost t is proportional to the number n of items purchased at a constant price p, the relationship between the total cost and the number of items can be expressed as t = pn.*					
Math.Content.7.RP.A.2d Explain what a point (x, y) on the graph of a proportional relationship means in terms of the situation, with special attention to the points (0, 0) and (1, r) where r is the unit rate.					
Math.Content.7.RP.A.3 Use proportional relationships to solve multistep ratio and percent problems. Examples: simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error.					

The Number System

Apply and extend previous understandings of operations with fractions.					
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
Math.Content.7.NS.A.1 Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; represent addition and subtraction on a horizontal or vertical number line diagram.					
Math.Content.7.NS.A.1a Describe situations in which opposite quantities combine to make 0. *For example, a hydrogen atom has 0 charge because its two constituents are oppositely charged.*					
Math.Content.7.NS.A.1b Understand $p + q$ as the number located a distance $|q|$ from p, in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts.					

Apply and extend previous understandings of operations with fractions.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.NS.A.1c Understand subtraction of rational numbers as adding the additive inverse, $p - q = p + (-q)$. Show that the distance between two rational numbers on the number line is the absolute value of their difference, and apply this principle in real-world contexts.					
Math.Content.7.NS.A.1d Apply properties of operations as strategies to add and subtract rational numbers.					
Math.Content.7.NS.A.2 Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.					
Math.Content.7.NS.A.2a Understand that multiplication is extended from fractions to rational numbers by requiring that operations continue to satisfy the properties of operations, particularly the distributive property, leading to products such as $(-1)(-1) = 1$ and the rules for multiplying signed numbers. Interpret products of rational numbers by describing real-world contexts.					

Apply and extend previous understandings of operations with fractions.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.NS.A.2b Understand that integers can be divided, provided that the divisor is not zero, and every quotient of integers (with non-zero divisor) is a rational number. If p and q are integers, then $-(p/q) = (-p)/q = p/(-q)$. Interpret quotients of rational numbers by describing real-world contexts.					
Math.Content.7.NS.A.2c Apply properties of operations as strategies to multiply and divide rational numbers.					
Math.Content.7.NS.A.2d Convert a rational number to a decimal using long division; know that the decimal form of a rational number terminates in 0s or eventually repeats.					
Math.Content.7.NS.A.3 Solve real-world and mathematical problems involving the four operations with rational numbers.					

Expressions & Equations

Use properties of operations to generate equivalent expressions.					
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
Math.Content.7.EE.A.1 Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.					
Math.Content.7.EE.A.2 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."*					

Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.EE.B.3 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. *For 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. If you want to place a towel bar 9 3/4 inches long in the center of a door that is 27 1/2 inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation.*					

Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.EE.B.4 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.					
Math.Content.7.EE.B.4a Solve word problems leading to equations of the form $px + q = r$ and $p(x + q) = r$, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach. *For example, the perimeter of a rectangle is 54 cm. Its length is 6 cm. What is its width?*					

Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.EE.B.4b Solve word problems leading to inequalities of the form $px + q > r$ or $px + q < r$, where p, q, and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem. *For example: As a salesperson, you are paid $50 per week plus $3 per sale. This week you want your pay to be at least $100. Write an inequality for the number of sales you need to make, and describe the solutions.*					

Geometry

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Draw, construct, and describe geometrical figures and describe the relationships between them.					
Math.Content.7.G.A.1 Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.					
Math.Content.7.G.A.2 Draw (freehand, with ruler and protractor, and with technology) geometric shapes with given conditions. Focus on constructing triangles from three measures of angles or sides, noticing when the conditions determine a unique triangle, more than one triangle, or no triangle.					
Math.Content.7.G.A.3 Describe the two-dimensional figures that result from slicing three-dimensional figures, as in plane sections of right rectangular prisms and right rectangular pyramids.					

Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.G.B.4 Know the formulas for the area and circumference of a circle and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle.					
Math.Content.7.G.B.5 Use 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.					
Math.Content.7.G.B.6 Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.					

Statistics & Probability

Use random sampling to draw inferences about a population.					
Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.SP.A.1 Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population from a sample are valid only if the sample is representative of that population. Understand that random sampling tends to produce representative samples and support valid inferences.					
Math.Content.7.SP.A.2 Use data from a random sample to draw inferences about a population with an unknown characteristic of interest. Generate multiple samples (or simulated samples) of the same size to gauge the variation in estimates or predictions. *For example, estimate the mean word length in a book by randomly sampling words from the book; predict the winner of a school election based on randomly sampled survey data. Gauge how far off the estimate or prediction might be.*					

Draw informal comparative inferences about two populations.					
Standard	**Date Taught**	**Date Retaught**	**Date Assessed**	**Date Reassessed**	**Notes**
Math.Content.7.SP.B.3 Informally assess the degree of visual overlap of two numerical data distributions with similar variabilities, measuring the difference between the centers by expressing it as a multiple of a measure of variability. *For example, the mean height of players on the basketball team is 10 cm greater than the mean height of players on the soccer team, about twice the variability (mean absolute deviation) on either team; on a dot plot, the separation between the two distributions of heights is noticeable.*					
Math.Content.7.SP.B.4 Use measures of center and measures of variability for numerical data from random samples to draw informal comparative inferences about two populations. *For example, decide whether the words in a chapter of a seventh-grade science book are generally longer than the words in a chapter of a fourth-grade science book.*					

Investigate chance processes and develop, use, and evaluate probability models.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.SP.C.5 Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around 1/2 indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.					
Math.Content.7.SP.C.6 Approximate the probability of a chance event by collecting data on the chance process that produces it and observing its long-run relative frequency, and predict the approximate relative frequency given the probability. *For example, when rolling a number cube 600 times, predict that a 3 or 6 would be rolled roughly 200 times, but probably not exactly 200 times.*					
Math.Content.7.SP.C.7 Develop a probability model and use it to find probabilities of events. Compare probabilities from a model to observed frequencies; if the agreement is not good, explain possible sources of the discrepancy.					

Investigate chance processes and develop, use, and evaluate probability models.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.SP.C.7a Develop a uniform probability model by assigning equal probability to all outcomes, and use the model to determine probabilities of events. *For example, if a student is selected at random from a class, find the probability that Jane will be selected and the probability that a girl will be selected.*					
Math.Content.7.SP.C.7b Develop a probability model (which may not be uniform) by observing frequencies in data generated from a chance process. *For example, find the approximate probability that a spinning penny will land heads up or that a tossed paper cup will land open-end down. Do the outcomes for the spinning penny appear to be equally likely based on the observed frequencies?*					
Math.Content.7.SP.C.8 Find probabilities of compound events using organized lists, tables, tree diagrams, and simulation.					

Investigate chance processes and develop, use, and evaluate probability models.

Standard	Date Taught	Date Retaught	Date Assessed	Date Reassessed	Notes
Math.Content.7.SP.C.8a Understand that, just as with simple events, the probability of a compound event is the fraction of outcomes in the sample space for which the compound event occurs.					
Math.Content.7.SP.C.8b Represent sample spaces for compound events using methods such as organized lists, tables and tree diagrams. For an event described in everyday language (e.g., "rolling double sixes"), identify the outcomes in the sample space which compose the event.					
Math.Content.7.SP.C.8c Design and use a simulation to generate frequencies for compound events. *For example, use random digits as a simulation tool to approximate the answer to the question: If 40% of donors have type A blood, what is the probability that it will take at least 4 donors to find one with type A blood?*					