

# STRATEGIC PLANNING

Sub-committee Report  
Expectations for

Students

**KALAMAZOO PUBLIC SCHOOLS  
STRATEGIC PLANNING**

**STUDENT EXPECTATIONS**

	<b>Social</b>	<b>Cognitive/Academic</b>
<b>Birth – 1 year</b>	Uses sounds and body movements to communicate (babbling, coos, repeats sounds like “ma-ma, da-da”)	Explores common objects like pots and pans, stuffed toys  Looks for items dropped from a table or tray (toy, food etc.)  Responds to name/ familiar voices
<b>1 – 2 years</b>	Stops action when adults say child’s name or “no”  Acts cautiously around unfamiliar adults	Can demonstrate the difference between same and different  Interacts with others while forming formal communication
<b>2 – 3 years</b>	<b>Willing to share and take turns</b>  Begins to use “Please,” “Thank you,” & “Excuse me”	Matches and sorts objects by shape and color  Sits as an adult reads a story  Begins to speak in sentences
<b>3 – 4 years</b>	<b>Respects peers; recognizes authority/family structure</b>	Plays make-believe with dolls, toys, props and people  Follows 2-3 step directions
<b>4 – 5 years</b>	Expresses emotions (happy, sad, angry, etc.) while being respectful of the environment  <b>Can tell someone his/her first and last name, phone number and address</b>	Can count to ten and names some numerals  Re-tells a favorite story  Writes first name  Correctly names eight colors  <b>Follows multi-step directions</b>
<b>Kindergarten</b>	<b>Plays cooperatively with other children. Recognizes and accepts differences</b>  <b>Asks for help</b>	Understands the concept of time  Describes the purpose of common household items (money, food, appliances)  Learning to tie shoe laces and buttoning  <b>Math:</b> Counts, reads, and writes numbers up to 30  Compares and orders numbers up to 30  <b>Counts orally to 100 by 1; count orally to 30 by 2, 5 and 10</b>  <b>Adds and subtracts numbers that equal up to 10 using math symbols</b>  <b>Compares measurements of length, area and weight using words like shorter, taller,</b>

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<b>Kindergarten Cont.</b>		<p><b>longer, smaller, lighter, heavier</b></p> <p>Knows and uses common words referring to time such as morning, afternoon, evening, night, yesterday, today, tomorrow, last week, next month, etc.</p> <p><b>Knows common coins and bills and their values</b></p> <p><b><u>Reading:</u></b> <b>Recognizes that words are made of sounds blended together and that words have meaning</b></p> <p>Reads words seen in and around the home, such as names, brand names, and logos</p> <p>Follows written text of familiar stories by pointing to known words</p> <p>Names letters, match letters and their sounds</p> <p>Understands that words and sentences are arranged from left to right, top to bottom, front to the end of books</p> <p><b>Uses personal experiences to help understand new ideas and connect to ideas in texts</b></p> <p>Predicts what will happen next in a story and retells up to three events from a familiar story</p> <p>Asks questions when reading a familiar text and can indicate when unable to understand text</p> <p><b><u>Writing:</u></b> Brainstorms ideas to write brief personal stories and short informational pieces using pictures, words, and/or sentences</p> <p>Spells words based on how they sound when writing and adds pictures and drawings to fit the story</p> <p><b><u>Edits writing by reading it to a peer</u></b></p>
<b>1st Grade</b>	<p><b>Respect for self and others</b></p> <p><b>Demonstrates self-control</b></p>	<p>Increases poise, coordination, and stamina</p> <p><b><u>Math:</u></b> Counts, reads, and writes numbers up to 110 by</p>

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<b>1<sup>st</sup> Grade Cont.</b>	<p><b>Can distinguish right from wrong</b></p> <p><b>Models positive behaviors</b></p>	<p>1, 2, 5, and 10; up to 500 by 10 and 100</p> <p>Compares and orders numbers up to 110</p> <p>Uses a number line to determine bigger and smaller numbers</p> <p>Knows addition and subtraction facts up to 10 + 10 and uses notation like ? + 2 = 7 and 10 = 4 + ? to write the facts</p> <p>Estimates and measures length using non-standard units like pencils, books and cars</p> <p>Tells time to the nearest half hour on an analog clock</p> <p>Uses the symbols \$ and ¢ when counting and exchanging money</p> <p>Describes shapes and their attributes</p> <p>Creates, reads and interprets pictographs</p> <p><b><u>Reading:</u></b> Recognizes sight words and uses prefixes, suffixes, and context clues to read and understand unknown words</p> <p><b>Reads aloud using expression reacting to the periods and questions marks</b></p> <p>Students read aloud new text with 95% accuracy</p> <p>Identifies the story's problem/solution, order of events, and beginning/middle/end</p> <p>Discusses patterns found in informational text and explains how authors and illustrators use features like headings, titles, and captions</p> <p><b>Uses personal experiences, asks questions, and identifies key ideas and details</b></p> <p>Uses simple strategies to understand texts</p> <p><b><u>Writing:</u></b> Writes three or more connected sentences using correct punctuation and spelling</p>
<b>2nd Grade</b>	<b>Works and plays well in groups</b>	Shows respect of body/personal space

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<b>2<sup>nd</sup> Grade Cont.</b>	<b>Shows empathy/care for others</b>	<p><b>Demonstrates self-knowledge and confidence</b></p> <p><b>Math</b> Counts, reads, and writes whole numbers up to 1000</p> <p>Compares and orders numbers up to 1000; uses &lt; and &gt; to describe</p> <p>Understands the place value system including ones, tens, hundreds and thousands</p> <p>Finds the distance between two numbers up to 100 on a number line</p> <p><b>Adds and subtracts numbers through 99 using both strategies and algorithms</b></p> <p><b>Develops strategies for multiplying numbers up to 5 x 5</b></p> <p>Recognizes and names commonly used fractions with denominators 12 or less</p> <p>Measures, estimates and compares lengths to the nearest unit using the units cm, m, in, ft, and yd</p> <p>Understands time measurement using both analog and digital clocks; knows AM and PM</p> <p>Reads and writes amounts of money using decimal notation; adds and subtracts money</p> <p>Reads temperature on a thermometer</p> <p>Determines the perimeter of triangles and rectangles by adding side lengths; find area of rectangles by counting internal squares</p> <p><b>Reading:</b> <b>Reads aloud new text with 95% accuracy</b></p> <p><b>Identifies story elements: what characters do and why, when the story takes place, the problem/solution, and the order of events</b></p> <p><b>Identifies how authors/artists use pictures to support story elements, titles to predict what</b></p>

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<b>2<sup>nd</sup> Grade Cont.</b>		<p><b>happens in the story, metaphors/similes to show characters' thoughts and actions</b></p> <p>Discusses patterns found in informational text and explains how authors and illustrators use features like headings, titles, captions, and pictures</p> <p>Uses simple strategies to understand texts</p> <p><b>Writing:</b> <b>Recognizes the various purposes of writing</b></p> <p>Writes two paragraphs, each containing a main idea and details</p> <p>Writes a story in first or third person</p>
<b>3rd Grade</b>	<p>Demonstrates independence in responsibilities at home and at school</p> <p>Demonstrates curiosity as a learner</p> <p><b>Understands why school is important</b></p> <p><b>Manages emotions and behavior</b></p> <p>Recognizes talents and skills</p> <p><b>Demonstrates positive conflict resolution/peer mediation</b></p>	<p><b>Recognizes and respects the feelings of others</b></p> <p>Understands interdependence</p> <p><b>Math:</b> Counts, reads, writes, and compares whole numbers up to 10,000</p> <p>Understands the place value system up to 10,000 in order to compare and order numbers</p> <p>Understands addition and subtraction of whole numbers</p> <p>Understands multiplication and division of primarily single and two digit numbers by using fact family relationships; knows facts through 10 x 10</p> <p>Knows the characteristics of even and odd numbers</p> <p>Understands the use of fractions (halves, fourths and eighths) to describe a part of a whole and place on a number line</p> <p>Knows benchmark temperatures such as freezing and boiling in both Fahrenheit and Celsius; compare using terms like cooler and</p>

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<b>3<sup>rd</sup> Grade Cont.</b>		<p>warmer</p> <p>Adds and subtracts money in dollars and cents</p> <p>Identifies perpendicular and parallel lines in real life settings</p> <p>Records data, reads and interprets bar graphs</p> <p><b>Reading:</b> Uses sentences and words surrounding an unknown word to understand its meaning</p> <p>Uses strategies to construct meaning: predicting, making mental pictures, questioning, rereading, inferring, summarizing, and using graphic organizers Reads aloud using expression, punctuation cues and tone of voice</p> <p>Describes how characters in literature express feelings about one another</p> <p>Explains how authors use literary devices to develop a story theme and describe a setting</p> <p>Discusses informational text patterns: problem/solution, sequence, compare/contrast, and description. Uses text features to understand ideas</p> <p>Compares and contrasts relationships among characters, events, and key ideas</p> <p><b>Writing:</b> Uses purpose, audience, and author's style when writing narrative and informational text</p> <p>Uses pre-writing strategies such as story maps, webs, and Venn Diagrams to plan the piece</p> <p>Writes sentences of various lengths and patterns</p> <p>Creates a mood when drafting a story</p> <p>Uses organizational patterns in informational writing</p> <p>Revises, edits, and proofreads own writing</p>
<b>4th Grade</b>	<b>Takes personal responsibility for homework, schoolwork and</b>	Approaches tasks with flexibility and creativity

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<b>4<sup>th</sup> Grade Cont.</b>	<p><b>personal hygiene</b></p> <p><b>Demonstrates problem-solving skills</b></p> <p><b>Demonstrates responsible citizenship</b></p>	<p>Makes predictions and draws conclusions</p> <p>Participates as a team member</p> <p><b>Math:</b> Counts, reads, writes, and compares numbers between 0.01 to 1,000,000 and understands related place values Determines factors and multiples of numbers and understands their relationships to multiplication and division, prime and composite numbers</p> <p>Multiplies 1) any whole number by a one-digit number, and 2) any three-digit whole number by a two-digit number using the distributive property, strategies and algorithms</p> <p>Divides numbers up to four digits by one-digit numbers and by 10</p> <p>Reads, interprets and compares decimals with up to 2 decimal places</p> <p>Locates and compares fractions and decimals on the number line, including improper fractions and mixed numbers with denominators of 12 or less</p> <p>Understands fractions as parts of sets of objects and does basic operations with fractions and decimal fractions</p> <p>Measures using common tools, benchmarks and appropriate units</p> <p>Understands the meaning of perimeter and area; using formulas, calculates the perimeter and area of rectangular shapes</p> <p>Identifies and uses basic two- and three-dimensional geometric shapes and their properties (including symmetries) to solve problems</p> <p>Records, reads and interprets data in tables and bar graphs, and orders the data to determine the median and range</p> <p><b>Reading:</b> Fluently reads fourth grade text</p>

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<b>4<sup>th</sup> Grade Cont.</b>		<p>Identifies and describes different story elements: What characters say and do, who is the protagonist and antagonist, the problem and solution, point of view, identify flashback and flash forward, metaphor/simile to compare characters and actions to other people and things</p> <p>Demonstrates through discussion, drawing, and writing how two or more stories are connected</p> <p>Describes patterns found in informational text: such as compare/contrast, state a position and give supporting facts, or state a problem and identify a solution</p> <p>Makes predictions and draws conclusions while reading and continue to use questions before, during, and after reading</p> <p><b><u>Writing:</u></b> Uses a variety of sentence structures and vocabulary to construct clear, grammatically correct paragraphs</p> <p>Offers specific suggestions to help others improve their writing</p> <p><b>Edits writing for errors in grammar, spelling, and sentence structure.</b></p> <p>Uses direct and indirect objects, prepositional phrases, adjectives, common and proper nouns, apostrophes in contractions, and commas to set off words, phrases, and dialogue; uses quotation marks to identify titles or names</p>
<b>5th Grade</b>	<p><b>Demonstrates self-motivation and self-control</b></p> <p><b>Expresses emotions in a socially acceptable<sup>1</sup> manner</b></p> <p><sup>1</sup>For the purpose of this plan, socially acceptable behavior is defined as constructively expressing oneself.</p>	<p><b>Uses time effectively</b></p> <p><b>Focuses effectively on assigned tasks</b></p> <p><b><u>Math:</u></b> <b>Understands division and multiplication of whole numbers and is able to calculate fluently</b></p> <p>Finds the prime factorization of whole numbers less than 50 expressed in exponential notation</p> <p>Understands the relationship between fractions, decimal fractions and percentages; uses</p>

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<b>5<sup>th</sup> Grade Cont.</b>		<p>fractions to describe division statements</p> <p>Performs basic computations with fractions, unit fractions, and whole numbers using models and strategies</p> <p>Writes, interprets, and uses ratios; finds equivalent ratios</p> <p>Knows and converts among measurement units (length, area, volume, weight, and time) within a given system</p> <p>Finds areas of geometric shapes using formulas and partitioning</p> <p>Understands the concept of volume</p> <p>Knows the different types and characteristics of angles including how to measure them with a protractor</p> <p>Constructs and interprets line graphs Finds and interprets mean and mode for a given set of data</p> <p><b><u>Reading:</u></b> Identifies unknown words by using strategies such as: analyzing words and their parts; using base words, prefixes and suffixes, and syllables</p> <p>Uses glossaries and other resources to determine the meaning of unknown words and symbols</p> <p>Analyzes a character's personality and the reason for their actions</p> <p><b><u>Writing:</u></b> Brainstorms ideas for writing; includes characters, setting and sequence. Develops relationships, comparing and contrasting elements</p> <p><b>Develops individual style (uses humor, expresses feelings, uses details and shows examples)</b></p> <p>Writes with complete sentences using nouns, pronouns, articles, conjunctions, hyphens, commas, and colons</p>

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<b>6th Grade</b>	<p><b>Recognizes role in peer group/community</b></p> <p>Performs volunteer/community service</p> <p>Sets personal and academic goals; carry out implementation plan</p>	<p><b>Demonstrates effective personal decision making</b></p> <p><b>Math:</b> Understands and is able to compute fluently with rational numbers</p> <p>Adds and subtracts integers and rational numbers; understands the location of integers and rational numbers on the number line</p> <p><b>Solves applied problems using decimals, percentages, rational numbers and rates</b></p> <p>Represents simple linear functions (<math>y=mx</math>) using tables, equations and coordinate plane graphs while developing the concept of slope</p> <p>Uses variables to write and simplify linear expressions and equations</p> <p>Solves one step equations and simple two step equations while developing the concept of equality</p> <p>Understands the relationship between congruence and rigid transformations</p> <p>Understands the meaning of surface area and volume while being able to calculate each for all rectangular prisms</p> <p>Understands the concept of probability as measure of certainty</p> <p><b>Reading:</b> <b>Uses structural, sentence structure, and prediction to aid in decoding and understanding the meanings of words in context</b></p> <p>Uses strategies (connotation, denotation) to determine the meaning of words and phrases in context (regional idioms, content area vocabulary, technical terms)</p> <p>Analyzes the role of dialogue, plot, characters, themes, major and minor characters, and climax; analyzes how authors use dialogue, imagery, and understatement to develop plot</p>
<b>6<sup>th</sup> Grade Cont.</b>		

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<b>6<sup>th</sup> Grade Cont.</b>		<p><b>Connects personal knowledge, experience, and understanding of the world to themes and perspectives in the text</b></p> <p>Plans, monitors, regulates, and evaluates skills, strategies, and processes by applying appropriate metacognitive skills</p> <p><b>Writing:</b> Writes an essay such as personal, persuasive, or comparative, for an audience that includes organizational patterns that support key ideas</p> <p>Develops research questions using multiple resources and perspectives that organize, analyze, and explore problems and pose solutions</p> <p><b>Exhibits individual style to enhance the written message: personification, humor, element of surprise, emotional appeal, strong opinion, or credible support</b></p>
<b>7th Grade</b>	<p><b>Demonstrates commitment to academics</b></p> <p><b>Understands how behavior can affect others</b></p> <p>Monitors level of success and need for improvement</p>	<p>Critically analyzes decisions</p> <p><b>Math:</b> Understands and solves problems involving rates, ratios, and proportions</p> <p>Develops computational fluency with rational numbers</p> <p>Understands and applies directly proportional relationships and relates to linear relationships</p> <p>Understands and represents linear functions (<math>y=mx + b</math>) using tables, equations and graphs while developing the concept of constant increase and constant decrease</p> <p>Simplifies and manipulates expressions and equations describing contextual situations to solve meaningful problems</p> <p>Uses geometric constructions to better understand aspects of lines and angles; scales geometric shapes to develop an understanding of similarity</p> <p><b>Represents, interprets, and calculates descriptive statistics about a set of data</b></p> <p><b>Reading:</b></p>

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<b>7<sup>th</sup> Grade Cont.</b>		<p>Analyzes the role of protagonist, antagonist, internal and external conflicts and themes</p> <p>Analyzes how authors develop theme, antagonist, protagonist, use of over/understatement, and exaggeration</p> <p>Creates a deeper understanding within and across text by stating global themes and universal truths</p> <p><b>Writing:</b> <b>Revises writing to make sure the content, structure, and voice are congruent</b></p> <p>Uses a proofreader’s checklist to edit writing both individually and in peer-editing groups</p> <p>Uses style conventions (example: MLA) Uses participial phrases, superlative adjectives and adverbs, parentheses and indefinite pronouns in creative writing</p>
<b>8th Grade</b>	<b>Demonstrates effective time management</b>	<p>Establishes code of ethics</p> <p>Develops relational, emotional, sexual, and spiritual identities</p> <p>Fosters healthy relationships</p> <p><b>Math:</b> Understands and computes with exponents (including positive exponents, negative exponents and those equal to 0)</p> <p>Understands and uses the Pythagorean Theorem with and without the context of the coordinate plane</p> <p>Develops an understanding of functions both linear and non-linear</p> <p>Understands and represents quadratic functions and equations; applies common quadratic graphical properties and formulas to solve problems</p> <p>Solves simultaneous equations using symbolic, tabular and graphical methods</p>

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<b>8<sup>th</sup> Grade Cont.</b>		<p>Computes the perimeter and area of circular shapes as well as other shapes formed by composition</p> <p>Understands the characteristics of three-dimensional figures including prisms, cylinders, pyramids, cones, and spheres</p> <p>Visualizes, draws, and describes two dimensional views of three-dimensional figures</p> <p>Transforms shapes in the coordinate plane and understands the properties of the transformations</p> <p>Uses data and representations of data to draw conclusions and make predictions</p> <p>Uses the basic counting principle to determine outcomes and relates it to the probability of an event</p> <p><b><u>Reading:</u></b> Uses structural, syntactic, and semantic analysis to recognize unfamiliar words in context</p> <p>Analyzes the role of rising and falling actions, and minor characters in relation to conflict, credibility of the narrator, and author’s use of symbolism and imagery</p> <p>Analyzes organizational patterns of informational text such as theory, evidence, and sequence</p> <p><b><u>Writing:</u></b> Sets a purpose, considers audience, and replicates author’s styles and patterns when writing narrative or informational text</p> <p>Reviews and revises compositions for coherence and consistency regarding word choice, cause and effect, and style</p> <p>Uses style conventions such as Modern Language Association and a variety of grammatical structures</p>
<b>9th Grade</b>	<b>Demonstrates positive attitude</b>	<p>Develops initial post-secondary plan</p> <p><b><u>Math for Grades 9-12:</u></b> Understands numbers, number systems, and</p>

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<b>9<sup>th</sup> Grade Cont.</b>		<p>quantitative situations</p> <p>Understands mathematical reasoning as being grounded in logic and proof</p> <p>Determines appropriate techniques for solving equations, inequalities, or system of equations; applies the techniques to solve problems; justifies solutions; draws conclusions from the solutions</p> <p>Understands functions, their representations, and their attributes; transforms, combines and composes functions and finds inverses to model real-world situations in order to solve applied problems</p> <p>Represents basic geometric figures, polygons, and conic sections and applies their definitions and properties in solving problems and justifying arguments</p> <p>Uses and justifies relationships between lines and angles, area and volume formulas, and two- and three-dimensional representations;</p> <p>Solves problems using distance-preserving and shape-preserving transformations</p> <p>Represents and analyzes univariate and bivariate data using a variety of tools</p> <p>Understands and applies various sampling methods; examines surveys and experiments; identifies bias in methods of conducting surveys and learns strategies to minimize bias</p> <p>Understands and calculates probabilities in various situations including those involving compound events; uses diagrams, tables, geometric models and counting strategies to apply the concepts of probability to make decisions</p> <p><b><u>English for Grades 9-12:</u></b> Practices writing as an ongoing process: planning using prewriting strategies; composing written pieces for different purposes; revising for language and meaning; editing for grammar usage and mechanics; and proofreading for spelling, layout and fonts</p>

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		<p>Develops and uses the tools and practices of research</p> <p>Develops critical reading, listening, and viewing strategies to enhance understanding by restating, paraphrasing, summarizing, and critiquing</p> <p>Reads with a purpose and knows how to read a newspaper editorial, for instance, differently than a novel. Students read to discover and grasp differing points of view</p> <p>Explores and analyzes major works of literature looking for relationships and connections. Uses the English language effectively in a variety of contexts and settings.</p>
<b>10th Grade</b>		<p>Thinks of self in relation to the world</p> <p>Develops views on specific topics</p> <p><b>Math:</b> See grade 9</p> <p><b>ELA:</b> See grade 9</p>
<b>11th Grade</b>	Implements actions steps for post-secondary plan	<p>Reflects on personal and other viewpoints</p> <p><b>Math:</b> See grade 9</p> <p><b>ELA:</b> See grade 9</p>
<b>12th Grade</b>	<p>Develops positive mentoring relationships</p> <p><b>Uses social awareness and interpersonal skills to establish and maintain positive relationships</b></p>	<p>Realizes your role in adult society</p> <p>Develops self-awareness and self-management skills to achieve academic and life success</p> <p><b>Math:</b> See grade 9</p> <p><b>ELA:</b> See grade 9</p>