Kindergarten Checklist

Literacy	
Identifies 26 uppercase letters	
Identifies 26 lowercase letters	
Identifies 26 letter sounds	
Recognizes and produces rhyming words	
Reads CVC words	
Produces CVC words	
Reads emergent reader text with purpose and understanding	
Prints first and last name with proper letters	
Determines main idea and supporting details	
Writes a sentence using correct capitalization and punctuation	

Math	
Identifies numbers 0-31	
Sequences numbers 0-31	
Prints numbers 0-31	
Counts (with and without objects) to 20	
Counts backwards (with and without objects) from 20 to 0	
Identifies 1 more and 1 less than a given number	
Adds and subtracts with manipulatives	
Sorts objects	
Identifies 2d and 3d shapes	
Composes and decomposes numbers up to 10	
Uses words to compare objects according to size, weight, and position	
Counts to 100 by 1s, 5s, and 10s	

1st Grade Checklist

Literacy	
Makes connections among events and ideas in books	
Asks and answers questions about books	
Demonstrates how the sounds of letters work together to form words	
Writes all uppercase and lowercase letters	
Reads words with long vowel sounds and consonant digraphs	
Produces words with long vowel sounds and consonant digraphs	
Reads 1st grade text with purpose and understanding	
Write to inform, persuade, and tell stories	
Determines main idea and supporting details	
Writes sentences using correct capitalization and punctuation	

Math	
Uses place value to describe numbers to 100	
Reads, writes, and represents numbers to 120	
Compares numbers to 120	
Counts (with and without objects) to 120	
Identifies 10 more and 10 less than a number	
Models and solves addition and subtraction problems	
Adds and subtracts with manipulatives	
Answers questions about bar graphs and tally charts	
Creates simple patterns and extends patterns	
Composes and decomposes numbers up to 12	
Uses number sentences and objects to represent situations	
Determines if equations are true and uses models to find missing numbers	

Measures length	
Tells time to the half hour	
Identifies and finds the value of coins	

2nd Grade Checklist

Literacy	
Reads grade two texts accurately and fluently	
Writes to inform, persuade, and tell stories	
Understands key details from reading books	
Compares and contrasts	
Uses and understands text features (bold print, subheadings, etc)	
Writes compound sentences	
Uses capitalization, contractions, and possessives	
Determines the meaning of unknown words	
Distinguishes long and short vowels and how they are spelled	
Describes how characters respond to major events and challenges	

Math	
Uses place value to describe numbers	
Reads, writes, and represents whole numbers to 1000	
Rounds to the nearest 10 or 100	
Compares and orders numbers	
Identifies 10 more and 10 less and 100 more and 100 less than a number	
Estimates sums and differences	
Adds and subtracts using mental math and various algorithms	
Solves real world addition and subtraction problems	
Uses addition and subtraction to obtain information from charts and graphs	
Interprets and represents addition and subtraction situations	
Represents and finds values for unknowns in addition or subtraction problems	
Classifies and compares shapes according to faces, sides, edges, and vertices	

Measures length with a ruler	
Tells time to the quarter hour	
Determines the value of coins and creates combinations of equal values	

3rd Grade Checklist

Literacy	
Reads grade 3 texts accurately and fluently to support understanding	
Writes to inform, persuade, and tell stories	
Describes characters and explains how their actions contribute to events	
Determines the meaning of figurative language (similies, etc)	
Describes the structure of a text (sequence, cause and effect, etc)	
Writes complex sentences	
Develops a process for writing (planning, drafting, revising, publishing)	
Explains the function of nouns, pronouns, verbs, adjectives, and adverbs	
Understands the meaning of base words and affixes	
Makes inferences, asks questions, predicts, and summarizes texts	

Math	
Uses place value to describe numbers between 1,000 and 10,000	
Reads, writes, and represents numbers	
Rounds numbers	
Compares and orders numbers up to 100,000	
Identifies 10,000; 1,000; and 100 more or less than a given number	
Adds and subtracts multi-digit numbers	
Represents multiplication facts	
Solves multiplication and division problems	
Reads and writes fractions	
Orders and compares unit fractions with models	
Represents and finds values for unknowns in multiplication or division problems	
Analyzes number sentences to represent a problems and find values for unknowns	

Uses parallel and perpendicular lines to discrete and create shapes	
Tells time to the minute and find elapsed time	
Measures to the nearest half unit	
Finds the perimeter of a polygon	
Collects, organizes, displays, and interprets data with whole numbers	

4th Grade Checklist

Literacy	
Reads grade 4 texts accurately and fluently to support understanding	
Writes to inform, persuade, and tell stories	
Refers to details and examples when explaining ideas about a text	
Compares and contrasts the treatment of similar themes and topics in stories from different cultures	
Describes the overall structure of a text	
Produces coherent writing appropriate to the task, audience, and purpose	
Gathers relevant information from print and digital souces	
Correctly uses frequently confused words (to, too, two)	
Recognizes and corrects sentence fragments and run-on sentences	
Collaborates with others to discuss topics, to present information, and publish reports	

Math	
Uses place value to multiply a number by 10, 100, 1000	
Multiplies multi-digit numbers in various ways	
Estimates and rounds numbers to assess reasonableness of results	
Solves multi-step real world problems	
Divides using various strategies	
Represents and uses models to find equivalent fractions	
Orders and compares fractions and locates them on a number line	
Uses models to add and subtract fractions with like denominators	
Reads and writes decimals and describes decimals using place value	
Compares and orders decimals	
Applies input/output rules involving addition, subtraction, multiplication, and division	

Describes and classifies various triangles and quadrilaterals	
Measures angles and classifies and compares them	
Understands and applies translations, reflections, and rotations	
Displays data sets	
Interprets x and number sentences with unknowns	
Represents a given problem with a number sentence and finds unknown values	

5th Grade Checklist

Literacy	
Reads grade 5 texts accurately and fluently to support understanding	
Describes how the narrator or speaker's point of view influences how events are described	
Explains the relationship between individuals, events, ideas, and concepts found in informational texts	
Analyzes multiple accounts by various cultures of the same event or topic	
Draws on information from multiple sources to locate an answer to a question of to solve problems	
Summarizes information from a written text	
Reports on a topic, sequencing ideas logically using appropriate facts and relevant details	
Identifies sources	
Uses verb tenses correctly	
Uses reference materials to clarify the meaning of unknown words	

Math	
Divides multi-digit numbers and correctly interprets remainders	
Represents quotients as a remainder, fraction, mixed number, or decimal	
Estimates and assesses reasonableness of an answer and solve real world problems	
Reads and writes decimals and orders and locates decimals on number lines	
Finds .1, .01, and .001 more or less than a number	
Recognizes and generates the equivalent of a fraction or decimal	
Rounds to the nearest .1, .01, .001	
Creates and uses equations to describe and solve patterns of change	
Represents and graphs ordered pairs on a coordinate graph	

Determines if a numerical statement is true or false	
Applies commutative, associative, and distributive properties	
Represents using variables and evaluates and solves equations	
Describes and classifies 3-D figures	
Decomposes shapes into triangles to develop and use formulas	
Measures volume and surface area and finds and labels volume	
Develops, uses, and justifies formulas	
Creates and analyzes tables and graphs	

6th Grade Checklist

Literacy	
Reads grade 6 texts accurately and fluently to support understanding	
Assesses how point of view or purpose shapes the content and style of a text	
Integrates and evaluates content presented in diverse media and formats	
Evaluates the argument and specific claims in a text	
Analyses how two or more texts address similar themes or topics in order to build knowledge or to compare the approach of the author's take	
Reads and comprehends complex literary and information texts independently and proficiently	
Determines central ideas or themes of a text and analyzes their development	
Summarizes the key supporting details and ideas	
Analyzes how and why individuals, events, and ideas develop and interact over the course of a text	
Interprets words and phrases as they are used in a text	
Analyzes the structure of texts including how specific sentences, paragraphs, and larger portions of the text relate to each other and the whole	
Demonstrates command of the conventions of standard English grammar and usage when writing or speaking	
Demonstrates understanding of figurative language, word relationships, and nuances in word meanings	
Writes arguments to support claims in a an analysis of substantive topics or texts	
Writes informative texts to examine and convey complex ideas	
Writes narratives to develop real or imagined experiences	
Uses a writing process to develop and strengthen writing as needed by planning, drafting, revising, editing, rewriting, or trying a new approach	
Gathers relevant information from multiple sources and assesses the credibility and accuracy of each source	

Math	
Reads, writes, represents, and compares positive rational numbers expressed as fractions, decimals, percents, and ratios	
Understands the concept of ratio and its relationship to fractions and to the multiplication and division or whole numbers	
Uses ratios to solve real-world and mathematical problems	
Multiplies and divides decimals, fractions, and mixed numbers	
Solves real-world and mathematical problems using arithmetic with positive rational numbers	
Recognizes and represents relationships between varying quantities	
Translates from one representation to another	
Uses patterns, tables, graphs, and rules to solve real world and mathematical problems	
Uses properties of arithmetic to generate equivalent numerical expressions and evaluates expressions involving positive rational numbers	
Understands and interprets equations and inequalities involving variables and positive rational numbers	
Applies commutative, associative, and distributive properties	
Calculates perimeter, area, surface area, and volume of two and three-dimensional figures to solve real world and mathematical problems	
Understands and uses relationships between angles in geometric figures	
Chooses appropriate units of measurement and uses ratios to convert within	
Uses probabilities to solve real world and mathematical problems	
Represents probabilities using fractions, decimals, and percents	

7th Grade Checklist

Literacy	
Reads grade 7 texts accurately and fluently to support understanding	
Paraphrases information in addition to quoting and summarizing	
Uses technology to write and researches a topic using trusted sources with different viewpoints	
Asks and answers questions about texts they have read and re-reads the text to find specific information to support their understanding	
Finds the meaning of new words and figurative language using clues in the text, context, dictionaries, or the root word	
Writes about a text after reading it and includes an introduction with a thesis statement, examples in order, and a conclusion.	
Writes to create and express themselves while using conversations, descriptive words, and the five senses to show a character's emotions, motivations, and experiences.	
Uses different ways to explain themselves including compare/contrast, cause/effect, problem/solution, and critique.	
Writes convincing ideas and uses different ways to convince the reader.	
Finds themes, key points, and main ideas	
Explains how different parts of the text impact the meaning	
Studies how the author and their viewpoint affect text	
Demonstrates understanding of figurative language, word relationships, and nuances in word meanings	

Math	
Analyzes proportional relationships by using a table or graph on a coordinate plane	
Uses proportions to solve multi-digit problems with unit rates, ratios, and conversions of measurement	
Understands rational numbers and compares and plots them on a coordinate grid	
Applies order of operations to add, subtract, multiply, and divide rational numbers	

Uses algebraic properties to write and rearrange equivalent expressions	
Evaluates expressions that have rational numbers, absolute values, and whole number exponents	
Solves real world and mathematical problems using equations and inequalities involving variables and positive and negative rational numbers	
Solves two-step equations involving rational numbers and exponents	
Solves real life problems involving angle measures, area, circumference, and volume and explains the formulas they used	
Find the probability of simple and compound events and writes probabilities as fractions, decimals, and percents	