

MEASURING YOUR CHILD'S SUCCESS

FOUNDATION SKILLS	Communicating With Others	Solving Problems	Finding and Using Information	Applies Knowledge and Information	Citizenship and Personal Responsibility
5th Grade	<ul style="list-style-type: none"> • Reads independently both fiction and non-fiction • Writes short stories • Writes multi-paragraph papers with introduction, supporting details, and conclusion • Participates in group discussions • Explains author's viewpoint and purposes • Evaluates and edits own writing • Gives simple directions; interprets multi-step direc- 	<ul style="list-style-type: none"> • Uses fractions in real-life situations • Multiplies whole numbers, using pencil and paper if necessary • Finds the <u>average</u> in real situations (sports, prices, grades, etc.) • Uses mental arithmetic and estimation to solve problems • Finds area and volume • Groups by likenesses and differences 	<ul style="list-style-type: none"> • Measures objects using correct tools and units • Collects and organizes information from experiments and surveys • Constructs bar, circle, and line graphs • Estimates measurements of real objects using correct units • Uses several sources to research a topic • Locates points on city maps, hurricane tracking maps, etc., using pairs of coordinates (numbers) 	<ul style="list-style-type: none"> • Uses information from tables, charts, and graphs to predict and to answer questions • Uses common fractions to represent simple probabilities • Writes number sentences to describe real situations • Uses letters to represent unknown numbers 	<ul style="list-style-type: none"> • Compares and contrasts different cultural views in fiction and non-fiction • Evaluates likenesses and difference in customs and traditions in literature • Discusses national and global experiences in literature • Divides up and performs tasks as part of group
6th Grade	<ul style="list-style-type: none"> • Recognizes the features of classic literature • Uses correct punctuation, usage, spelling, and sentence variety • Creates and gives formal speech with introduction, clear, concise message, and conclusion • Recognizes different types of literature and media • Writes for particular audience and purpose (to inform, persuade, correct error, etc.) • Interprets meaning in various oral presentations 	<ul style="list-style-type: none"> • Changes fraction to simplest and/or equivalent forms • Solves problems that use <u>ratio</u> • Understands <u>prime numbers</u> • Adds and subtracts fractions • Converts fractions and mixed numbers to decimals and vice versa • Relates percents to fraction and decimal equivalents 	<ul style="list-style-type: none"> • Compares and relates basic English and metric units • Measures angles with protractor • Recognizes patterns in data and graphs • Identifies and constructs different types of <u>angles, triangles, circles, and polygons</u> • Recognizes patterns in groups of data and in graphs • Produces notes and outlines • Writes summaries 	<ul style="list-style-type: none"> • Chooses and constructs the most appropriate graph for selected data • Uses variables (unknowns) in formulas and equations • Judges the validity of data • Uses own words to explain facts and information in text • Makes inferences from text • Selects and cites a variety of sources for research projects • Determines the probability of a particular event 	<ul style="list-style-type: none"> • Understands cultural differences represented in literature • Relates universal themes in literature and media to life experiences • Connects national and global experiences in literature to real life
	<ul style="list-style-type: none"> • Identifies and explains main idea • Paraphrases new, unfamiliar text • Compares and contrasts various pieces and types of literature 	<ul style="list-style-type: none"> • Multiplies fractions in real-world problems • Adds and subtracts positive and negative numbers • Mentally estimates square roots • Uses reasoning to 	<ul style="list-style-type: none"> • Compares Fahrenheit and Celsius temperatures (9 degrees F is the same temperature change as 5 degrees C) • Has a sense of size of units (e.g. a football 	<ul style="list-style-type: none"> • Identifies <u>congruent</u> and <u>similar</u> figures • Uses <u>mean, median, and mode</u> to interpret and apply information • Judges the validity of data • Develops a thesis 	<ul style="list-style-type: none"> • Recognizes and responds to multi-cultural literature • Compares and contrasts different cultural viewpoints in fiction and non-

<p>7th Grade</p>	<ul style="list-style-type: none"> • Compares and contrasts various pieces and types of literature • Edits own and peer compositions for punctuation, usage, spelling, and format • Engages in creative writing • Creates and gives simple directions • Adjusts delivery of presentation to reaction of audience • Responds to author's viewpoint and purpose in literature and media 	<p>numbers</p> <ul style="list-style-type: none"> • Mentally estimates square roots • Uses reasoning to solve problems with <u>ratios</u>, <u>rates</u>, <u>percent</u>, <u>probability</u>, and <u>scale drawings</u> • Finds area of <u>parallelograms</u>, <u>regular polygons</u>, and <u>circles</u> • "Translates" among fractions, decimals, and percents 	<p>change as a negative C)</p> <ul style="list-style-type: none"> • Has a sense of size of units (e.g. a football field is about an acre, a cubic centimeter is one milliliter, a quart is a little more than a liter) • Recognizes and describes patterns of change in groups of data • Skims and scans for facts 	<p>and apply information</p> <ul style="list-style-type: none"> • Judges the validity of data • Develops a <u>thesis statement</u> for a research project • Uses electronic and printed materials in doing research 	<ul style="list-style-type: none"> • Compares and contrasts different cultural viewpoints in fiction and non-fiction
<p>8th Grade</p>	<ul style="list-style-type: none"> • Analyzes author's purpose and viewpoint in literature and media • Designs role-playing activities • Assumes different roles in group discussions (leader, recorder, pro/con positions, etc.) • Creates, follows, presents, and evaluates multi-step processes • Uses appropriate media in presentations • Uses elementary logic in written and oral explanations, guesses, and justification of results 	<ul style="list-style-type: none"> • Divides fractions in real-world problems • Multiplies and divides positive and negative numbers • Figures volume of 3-dimensional objects • Solves simple equations • Finds probability of two events • Works with the Pythagorean Theorem • Uses prior knowledge and experience to solve problems 	<ul style="list-style-type: none"> • Shows relationships using tables, equations, and graphs • Understands <u>slope</u> and how to find the <u>slope</u> • Identifies a relationship as <u>direct proportion</u>, <u>indirect proportion</u>, a <u>linear function</u>, or <u>exponential</u> • Uses <u>mean</u>, <u>median</u>, and <u>mode</u> to interpret and apply information about a set of data • Determines the validity of information when doing research 	<ul style="list-style-type: none"> • Identifies the <u>centers</u> and <u>lines of symmetry</u> for a variety of figures • Uses <u>midpoints</u> and <u>bisectors</u> of figures • Draws reflections and rotations of figures • Makes predictions from data • Understands uses of probability in insurance, medicine, weather, and social/political contexts • Produces a documented research project that proves a thesis 	<ul style="list-style-type: none"> • Works with a group to produce a project • Relates cultural differences and viewpoints in literature to life experiences • Recognizes processes for group decision-making