



## Three big things my child should be able to do by the end of each grade level:

Grade Level	English Language Arts	Math
<b>K</b>	<ul style="list-style-type: none"><li>• Break down spoken and written words into syllables and letters and identify the sounds each letter makes</li><li>• Read new words, to understand simple books and stories; think and talk about what they have read</li><li>• Write and share information in a variety of ways, including drawing, writing letters and words, listening to others, and speaking aloud</li></ul>	<ul style="list-style-type: none"><li>• Know number names and the count sequence</li><li>• Understand the concepts of addition and subtraction</li><li>• Identify and work with 2D and 3D shapes</li></ul>
<b>1</b>	<ul style="list-style-type: none"><li>• Decode letter patterns and read words in phrases, to develop reading with fluency and comprehension</li><li>• Think, talk, and write about what they read in stories, articles, and other sources of information</li><li>• Put together clear sentences on a range of topics using a growing vocabulary, in their writing</li></ul>	<ul style="list-style-type: none"><li>• Understand place value, grouping numbers into tens and ones</li><li>• Add and subtract within 20</li><li>• Use charts, tables, and diagrams to solve problems</li></ul>
<b>2</b>	<ul style="list-style-type: none"><li>• Think, talk, and write about what they read in a variety of texts, such as stories, books, articles, and other sources of information including the internet</li><li>• Develop a topic in their writing, providing details and evidence to support their ideas, and strengthen their editing and revising skills</li><li>• Participate in class discussions by listening and building on what others are saying</li></ul>	<ul style="list-style-type: none"><li>• Understand place value up to 1,000</li><li>• Solve word problems, including those involving length and other units of measure</li><li>• Add and subtract within 20 and up through 100</li></ul>
<b>3</b>	<ul style="list-style-type: none"><li>• Make connections and comparisons between two texts by the same author or on the same topic</li><li>• Think, talk, and write about what they read in a variety of articles, books, and other texts</li><li>• Pay more attention to organizing information, developing ideas, and supporting these ideas with facts, details, and reasons in their writing</li></ul>	<ul style="list-style-type: none"><li>• Understand concepts behind multiplication and division</li><li>• Solve word problems involving multiplying and dividing numbers up through 100</li><li>• Develop understanding of fractions as numbers</li></ul>



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<b>4</b>	<ul style="list-style-type: none"> <li>Read more challenging fiction and nonfiction, including articles and other sources of information, and continue to grow their vocabulary</li> <li>Clearly explain in detail what they have read by referring to details or information from the text</li> <li>Organize their ideas and develop topics with reasons, facts, details, and other information, in their writing</li> </ul>	<ul style="list-style-type: none"> <li>Use addition, subtraction, multiplication, and division to solve word problems</li> <li>Extend understanding of fraction equivalence and ordering</li> <li>Begin to understand the relationship between fractions and decimals</li> </ul>
<b>5</b>	<ul style="list-style-type: none"> <li>Read more challenging fiction and nonfiction, including articles and other sources of information, and continue to grow their vocabulary</li> <li>Understand and clearly summarize what they have learned from readings and classroom discussions, referring to specific evidence and details from the text</li> <li>Write regularly and continue to develop their ability to gather, organize, interpret, and present information</li> </ul>	<ul style="list-style-type: none"> <li>Understand place value working with decimals up to the hundredths place</li> <li>Add, subtract, and multiply fractions with unlike denominators</li> <li>Expand geometry and measurement skills, learning the concept of volume and measuring the volume of a solid figure</li> </ul>
<b>6</b>	<ul style="list-style-type: none"> <li>Read a range of challenging books, articles, and texts</li> <li>Integrate information from different sources and respond to challenging content through written interpretation and analysis</li> <li>Answer questions and contribute to class discussions to demonstrate their understanding of what they read</li> </ul>	<ul style="list-style-type: none"> <li>Analyze and solve problems using concepts of ratio and rate</li> <li>Work with variables and expressions</li> <li>Analyze and solving word problems using equations</li> </ul>
<b>7</b>	<ul style="list-style-type: none"> <li>Cite relevant evidence when interpreting or analyzing a text or supporting their points in speaking and writing</li> <li>Build academic vocabulary as they read more complex texts, including stories, plays, historical novels, poems, and informational books and articles</li> <li>Write for a range of purposes and audiences</li> </ul>	<ul style="list-style-type: none"> <li>Analyze proportional relationships</li> <li>Perform arithmetic with positive and negative numbers</li> <li>Solve equations quickly and accurately, and writing equations to solve word problems</li> </ul>
<b>8</b>	<ul style="list-style-type: none"> <li>Read major works of fiction and nonfiction from all over the world and from different time periods</li> <li>Understand what they read and evaluate an author's assumptions and claims</li> <li>Conduct research that will require the analysis of resources and accurate interpretation of literary and informational text</li> </ul>	<ul style="list-style-type: none"> <li>Solve linear equations with one and two variables</li> <li>Understand functions and use linear functions to model relationships</li> <li>Understand congruence and similarity of geometric figures</li> </ul>

Sources: Council of the Great City Schools, *Parent Roadmap: Supporting your Child in English Language Arts (by grade level)*; Council of the Great City Schools, *Parent Roadmap: Supporting your Child in Mathematics (by grade level)*; Achieve the Core, *CCSS Where to Focus Mathematics (by grade level)*; National PTA, *Parents' Guide to Student Success*