STUDENT OUTCOMES

GRADE 2

Literacy ● Numeracy

Grade 2 Literacy Blueprint

	Reading *Recommended Lexile Range 200L-600L*	Vocabulary	Writing and Oral/Written Conventions	Research
Students will be able to:	• Decode multisyllabic words by applying common letter-sound correspondences, common syllable patterns and common spelling patterns • Identify and read at least 300 high frequency words • Read a variety of fiction and nonfiction grade-level texts with sufficient accuracy and fluency (prosody) to support comprehension • Make inferences about text using text evidence to support understanding • Retell important events in stories in logical order • Describe main characters including their traits, motivations and feelings • Determine the central idea or theme of a variety of texts • Use text features to locate specific information about text • Summarize and make comparisons across texts • Determine an author's point of view or purpose and explain how it is presented	• Determine word meanings using a variety of strategies including context clues and prefixes and suffixes • Use reference materials (dictionary, thesaurus, etc.) effectively • Increase vocabulary knowledge through independent reading • Demonstrate understanding of word relationships and nuances in word meanings • Become word-conscious (how words work and ways they can be used in and away from school)	• Determine a topic and appropriate supporting details • Write opinion pieces which include introducing the topic, stating an opinion, supplying a reason for the opinion, and providing closure • Write in a variety of modes (narrative, expository/ informative, persuasive) for various audiences • Understand the function of and use of conventions when speaking and writing • Use correct capitalization, usage, punctuation, and spelling (CUPS) in writing • Write poems, letters, brief compositions, and persuasive statements • Plan writing using graphic organizers and apply effective revising and editing strategies before publishing • Write legibly and spell correctly	• Formulate open-ended questions about a specific topic • Locate and gather information from valid and reliable sources to answer questions • Use text features to locate information • Record information in visual formats appropriate for grade (e.g., charts, graphs, diagrams, etc.) • Create a visual display to convey results of the research
The teacher will support by:	• Providing appropriate graphic organizers to support comprehension and analysis • Monitoring fluency using fluency probes (weekly or bi-monthly), using Paired/Partner readings, Readers Theater, Choral readings, and Repeated readings to improve fluency and comprehension • Using think-alouds to model effective reading skills and comprehension strategies • Providing explicit instructional support in phonemic awareness and phonics • Reading aloud to model how a fluent reader sounds • Providing daily opportunities for students to read at their independent reading level	• Providing explicit instruction regarding the structural analysis of words (root words, affixes, synonyms, antonyms, and homonyms) • Demonstrating multiple strategies to determine word meaning • Building a classroom that is rich with words, utilizing interactive word walls, appropriate graphic organizers, and promoting vocabulary acquisition and retention • Providing instruction that supports word ownership (word-conscious) by students	• Instructing students in the function and use of conventions when speaking and writing • Using the 6+1 Traits of Writing to create a common language of effective writing and to demonstrate what good writing looks like • Utilizing rubrics to assess student writing • Providing mentor texts as a means to model effective writing and grammar usage • Integrating writing and grammar • Integrating writing across content areas	• Demonstrating effective note taking strategies (grade-level specific) • Providing instruction in locating information from reliable sources • Providing instruction regarding use of valid and reliable sources • Providing instruction on strategies to summarize and record information
Parents can support by:	• Reading aloud to your child and encouraging your child to read from a variety of texts • Reviewing high frequency words daily • Listening to your child read and periodically stopping to ask questions (who, what, when, where, why, how) • Obtaining a library card and visiting the Houston Public Library frequently • Knowing your child's Lexile range and providing appropriate texts from the Houston Public Library, websites, etc.	• Providing access to texts and online reference sources (dictionary, thesaurus, etc.) • Encouraging discussion of new and unfamiliar words • Routinely reviewing and reinforcing vocabulary skills learned at school • Playing word games with your child (Scrabble, Boggle, crossword puzzles, etc.)	• Encouraging your child to speak clearly and correctly • Encouraging your child to write in a variety of formats (poems, letters, songs, etc.) and share their writing • Providing real-world opportunities for your child to write • Exposing your child to professional language usage	• Providing opportunities to visit museums and cultural events • Encouraging your child to explore new ideas • Viewing and discussing educational programs with your child

Grade 2 Numeracy Blueprint

	Number, Operations, & Quantitative Reasoning	Patterns, Relationships, & Algebraic Thinking	Geometry & Spatial Reasoning	Measurement	Probability & Statistics	Underlying Processes & Mathematical Tools
Students will be able to:	• Develop an understanding of the base-ten place value system up to 999 • Name fractional parts of a whole object or set of objects and determine if the fraction is closer to 0, ½ or 1 whole • Recall and apply basic addition and subtraction facts to 18 • Add and subtract two-digit numbers and select addition or subtraction to solve problems involving two-digit numbers • Determine the value of coins and correctly use the decimal point, cent symbol, and dollar symbol to name a collection of coins • Model, create and describe multiplication and division situations with concrete objects	• Create, identify and extend numerical and geometric patterns • Generate, identify and describe patterns in a list of related number pairs based on real-life situations • Use patterns and relationships to develop strategies to remember basic facts	• Construct geometric shapes and identify their characteristics • Identify and compare two and three-dimensional shapes by their attributes • Locate and name points on a number line using whole numbers	• Read a thermometer in Fahrenheit to tell the temperature • Read a clock in five minute increments to tell the time • Describe activities that take about 1 second, 1 minute and 1 hour • Select non-standard units of measure to determine the length of objects • Select non-standard units of measure to determine the area of two-dimensional objects • Select non-standard units of measure to determine the capacity of a container • Select non-standard units of measure to determine the weight of an object	• Organize data and use data to construct picture and bar graphs • Draw conclusions and answer questions from bar and picture graphs • Use data to describe events as more likely or less likely	• Use tools such as real objects, manipulatives, and technology to solve problems • Explain and record observations and solutions using real objects, manipulatives, and technology to solve problems • Use a problem solving process that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness • Justify thinking using objects, pictures, numbers and, technology
Schools will support by:	• Providing experiences using base-ten materials to build, represent and operate with whole numbers • Providing experiences using concrete models to represent fractional parts • Providing opportunities to use tools such as real objects, manipulatives, and technology to solve problems	• Providing experiences with materials such as real objects, 100's charts and geometric shapes to create and find patterns • Providing experiences to create lists of paired numbers that represent observed relationships of patterns • Providing experiences with part-part-whole models to demonstrate the patterns and relationships of basic facts	• Providing experiences with concrete representations of solid and plane figures to identify attributes • Providing experiences for pictorial representations of figures • Providing opportunities to translate informal language to mathematical language when describing attributes of figures • Providing experiences with number lines using whole numbers	• Providing experiences to make measurements of length, area, capacity and weight with a variety of non-standard units • Providing experiences with geared clocks to read and set various times • Providing experiences to relate temperature in an environment with readings on a thermometer	• Providing experiences for children to collect data, organize data, and create bar or picture graphs • Providing experiences to predict outcomes using objects such as spinners and number cubes • Providing opportunities to incorporate technology to create graphs	• Providing opportunities for students to explain solutions to problems orally and in written form • Providing experiences for small group activities that are open-ended • Providing experiences using the Problem Solving Board to organize problem solving • Providing students guidance in developing a problem solving plan
Parents can support by:	• Playing games that require instant recall of basic facts • Taking opportunities at shopping outings to reinforce the concept of counting a collection of coins • Engaging in mental math activities to add and subtract • Pointing out mathematics in games, sports, etc.	• Looking for and identify various patterns in child's environment • Relating music heard in child's environment to patterns • Doing skip counting activities	• Identifying objects in the child's environment shaped like solid and plane figures • Playing games like "I Spy" using the child's environment to identify objects shaped like solid and plane figures • Engaging in conversations using mathematical language • Sequencing whole dollar values on a number line, like the cost of a variety of toys from advertisements	• Displaying analog clocks in the home • Using scales at the grocery store to measure produce being purchased • Cooking with child and allow him/her to measure wet and dry ingredients • Estimating the duration of various activities	• Interpreting graphs in newspapers and magazines and draw conclusions • Keeping a chart of the height of different family members	• Reading literature that relates to mathematical concepts • Helping your child become aware of how mathematics relates to our everyday lives • Applying problem-solving strategies to real life problems