

OCTOBER CURRICULUM SPOTLIGHT

	LANGUAGE ARTS	MATH	SCIENCE	SOCIAL ST.
K	Follow words from left to right, top to bottom, and page by page. With prompting and support, ask and answer questions about key details in a literary text. Demonstrate understanding of the organization and basic features of print.	Connect number names, numerals, and quantities; counting and developing visual images of quantities up to 10; comparing and ordering two or more amounts; and describing and measuring the length of objects by direct comparison.	Compare the position of various objects in the classroom and outside using positional words such as: front, behind, between, top, under, above, below & beside.	Explain how people change over time. Explain the impact of how life events bring change
1st	Word Detectives supports students' word solving skills and their knowledge of high-frequency words: develop word-solving skills, increase their bank of high-frequency words, become more confident at using the words they know 'in a snap' to solve unknown words, and develop fluency skills.	Observe and describe defining attributes of 2-D shapes, using those attributes to build, compare, and sort 2-D shapes, and composing and decomposing 2-D shapes. Describe, name, and compare attributes of 2-D shapes, particularly triangles and quadrilaterals.	Recognize patterns of observable changes in the Moon's appearance from day to day.	Understand the diversity of people in the local community. Explain why national holidays are celebrated
2nd	Know and apply grade-level phonics and word analysis skills in decoding words. Readers will learn that to get stronger they have to read a lot and set goals. Readers will learn to read in longer phases by scooping up words they know in a snap.	Observe and describe defining attributes of 2-D and 3-D shapes (e.g., number and shape of faces, length of sides, and number of angles and vertices), and using those attributes as they sort, construct, draw, and compare shapes. Develop ideas about equal parts of a whole by describing halves, fourths, and thirds.	Understand the relationship between sound and vibrating objects. Illustrate how sound is produced by vibrating objects and columns of air.	Use timelines to show sequencing of events. Identify contributions of historical figures
3rd	Understand the structure and plot of mysteries. Make predictions based on their knowledge of plot. Apply what they have learned about reading mysteries to all types of fiction.	Use bar graphs & pictographs, to represent, describe, and compare categorical and numerical data. Solve one- and two-step "how many more" and "how many less" problems using information presented in the graphs. Generate measurement data in inches, half-inches, feet, and yards.	Understand the structure and properties of matter before and after they undergo a change. Compare solids, liquids, and gases based on their basic properties.	Understand the earth's patterns by using the 5 themes of geography: (location, place, human-environment interaction, movement and regions).
4th	Interpreting Characters: The Heart of the Story: students will use envisioning, synthesizing, visualizing, and interpretation skills to follow characters helping them to understand a story more deeply.	Solve multiplication problems with 2-digit numbers, understand the meaning and structure of, and the relationship between, multiplication and division, and using that understanding to solve multiplication and division problems. Solve and represent division story problems, including problems with remainders.	Understand the use of fossils and changes in the surface of the earth as evidence of the history of Earth and its changing life forms.	Understand the development, structure and function of North Carolina's government. Understand how notable structures, symbols, and place names are significant to North Carolina.
5th	Interpretation Book Clubs: Analyzing Themes: challenge students to write well about their reading. Select novels with strong characters. Compare and contrast several texts that develop a similar theme.	Structure and volume of three-dimensional (3-D) shapes, specifically on rectangular prisms and solids composed of rectangular prisms. Using coordinate graphs, ordered pairs, tables, and symbolic notation to model real world and mathematical situations. Students analyze arithmetic patterns in tables and the shapes of graphs to describe and compare these situations.	Compare daily and seasonal changes in weather conditions (including wind speed and direction, precipitation, and temperature) & patterns. Explain how global patterns such as the jet stream and water currents influence local weather in measurable terms.	Evaluate the relationship between European explorers (French, Spanish, and English) and American Indian groups, based on accuracy of historical information (beliefs, fears, and leadership)