

Grade 2

Reading and Language

Objectives	BSS Difference
<ul style="list-style-type: none">● Identify main topic or idea in grade-level text● Show understanding of key details in a text● Find evidence in the text to support the author's message● Retail stories with detail● Describe main message, lesson or moral from stories● Describe actions and responses of characters in a story● Determine meanings of words or phrases relevant to the topic● Find connections between a series of events, ideas, concepts or steps in a text● Identify differences in points of view of characters● Use texts to find information and answer questions following a step-by-step inquiry process● Read and understand grade-level literary and informational text independently● Write a paragraph	<ul style="list-style-type: none">● iPad phonics reinforcement games and activities● Book Buddies to support fluency growth● Secret Reader opportunities to foster love of reading● STREAM literacy connections● Reading week with themed reading activities● Current events and non-fiction literacy with Scholastic News● Creative written expression through thematic projects● Monthly writing portfolios to demonstrate mastery and growth● Special occasion projects● Weekly written reflections in journals● Phonics support group, as needed

Foundational Skills	Language and Writing
<ul style="list-style-type: none"> ● Apply grade level phonics and word analysis skills in reading words ● Decode irregularly spelled grade-level words ● Read grade-level texts with purpose and understanding ● Orally read grade-level texts with accuracy, expression, and fluency ● Confirm and self-correct words during oral reading 	<ul style="list-style-type: none"> ● Write stories that include details, put events in order, and provide a conclusion ● Express ideas and feelings clearly ● Describe people, places, things and events with relevant details from text ● Give and follow simple two-step directions ● Participate in conversations with partners and groups ● Listen to and respond to others with focus and care ● Edit work with support ● Take part in research and writing projects ● Gather information from various sources to answer questions ● Create written and visual works to summarize and share information
Literature and Informational	Vocabulary Use and Functions
<ul style="list-style-type: none"> ● Read and react to literary text ● Read and react to informational text ● Ask and answer questions about key details in a text or in an oral presentation ● Tell an experience with appropriate facts and relevant details ● Make predictions based on support from text ● Make inferences with evidence to support ideas ● Make text-to-self connections ● Make text-to-text connections ● Make text-to-world connections 	<ul style="list-style-type: none"> ● Use legible printing skills with accurate letter formation ● Correctly use nouns, pronouns, verbs and adverbs ● Produce complete simple sentences ● Capitalize names, holidays, and geographic names (states, countries, continents, cities) ● Use end punctuation ● Use of beginning dictionaries and other reference materials ● Use simple, common spelling rules

Math

Grade 2 - Math	Objectives	BSS Difference
	<ul style="list-style-type: none">● Develop understanding of addition, subtraction strategies for solving addition and subtraction problems to 1,000● Develop understanding of whole number relationships and place value, including tens, ones, hundreds, thousands● Develop strategies for mentally addition and subtraction● Develop understanding of measurement and measuring lengths● Develop understanding of time and telling time to the hour and half hour● Develop understanding of charts and organized lists, including using data in graphs to answer questions● Develop understanding of time to quarter hour● Develop understanding of reasoning about attributes of and constructing and deconstructing geometric shapes● Develop mathematical vocabulary applicable to operations, place value, measurement, data, money, and geometry	<ul style="list-style-type: none">● Reinforce addition and subtraction skills through iPads and themed games● Provide small group instruction for diverse learners● Hands on math strategies with age appropriate math tools● Home-school connections

Operations and Algebraic Thinking	Numbers and Operations
<ul style="list-style-type: none"> ● Solve 1 or 2 step addition and subtraction problems within 1,000 ● Mentally add and subtract within 20 with speed and accuracy ● Work with equal groups to build foundations for multiplication and division 	<ul style="list-style-type: none"> ● Read, write, compare numbers to 1,000 ● Identify numbers as odd or even ● Understand place value through one thousands ● Understand 100 as one hundred, zero tens, zero ones ● Skip count by twos, fives, tens, and hundreds to 1,000 ● Understand the concept of zero ● Write numbers up to three digits in expanded form ($123 = 100 + 20 + 3$) ● Mentally add or subtract 10 from a number 100 thru 1,000 ● Estimate sums and differences with multiples of 10
Measurement and Data	Geometry
<ul style="list-style-type: none"> ● Choose appropriate tools to measure units and length ● Measure and estimate using inches, feet, centimeters and meters ● Measure to compare lengths of objects ● Solve addition and subtraction problems using same-unit lengths ● Represent sums and differences within 100 on a number line ● Tell and write time (am and pm) to the nearest 5 minutes ● Explain relationships between seconds, minutes, hours and days ● Solve word problems using dollar bills and coins ● Generate measurement data ● Represent data on a bar graph or circle graph ● Analyze and solve problems with data on line plots, picture graphs or bar graphs 	<ul style="list-style-type: none"> ● Recognize and draw shapes with specified attributes ● Identify triangles, quadrangles, pentagons, hexagons ● Identify cubes, rectangular prisms, spheres, pyramids and cones ● Describe a whole as two halves, three thirds, four quarters

Science

<u>Skills & Learning Objectives</u>	<u>Content</u>	<u>BSS Difference</u>
<ul style="list-style-type: none"> ● Explore concepts of balance, counterweight, and stability ● Understand systems that are unstable and modify them to reach equilibrium ● Recognize different ways to produce rotational motion ● Construct and observe toys that spin. ● Describe some of the variables that influence the spinning of objects ● Observe and compare rolling systems with different-sized wheels ● Explore and describe the motion of rolling spheres ● Understand the vocabulary associated with balance and motion ● Identify and understand importance of nonfiction text features (Headings, Table of Contents, Glossary) ● Explore and classify living and nonliving things. ● Identify the needs of living things. ● Identify the parts of plants as leaves, stem, roots, flowers, fruits, seeds. ● Understand the life cycle of a plant ● Identify animal groups as mammals, birds, reptiles, amphibians, fish and insects. 	<p>FOSS Kit: Balance and Motion</p> <ul style="list-style-type: none"> ● Properties of balance, counterweight, stability ● Use science vocabulary appropriately orally and in writing ● Hands-on activities to explore balance and motion <p>Life Science-McGraw Hill Unit A: Plants and Animals</p> <ul style="list-style-type: none"> ● Observe, draw, diagram and chart the growth of plants and animals ● Collaborate with peers in documenting growth <p>STREAM: "Protect the Eggs!"</p> <ul style="list-style-type: none"> ● Integration of subject areas in celebration of life, growth, development of animals 	<ul style="list-style-type: none"> ● Students keep an "Interactive" notebook-define words-record concepts and ask questions. ● Hands-on experiments-balance various objects, construct tops, mobiles, "twirler birds". ● Peer collaboration: student helping student ● Field trip-Mass Audubon's Broadmoor Wildlife Sanctuary, Natick, MA ● In addition to observing eggs in classroom, watch eggs "live" on Nest Cam from home. ● Students help take care of eggs/chicks' needs: air, food, water. ● Estimate the number of eggs that will hatch; discuss "dozens/fractions" ● Easter Celebration: decorate

- Identify and understand that animals need air, water, food and shelter.
- Order the life cycle of various animals.
- Identify the stages in the life cycle of a chick.

- eggs-symbolic of the Resurrection of Jesus Christ.
- Students design device to prevent egg from breaking after being dropped from school roof, taking the forces of gravity, drag and impact into consideration.

Social Studies

<u>Skills & Learning Objectives</u>	<u>Content</u>	<u>BSS Difference</u>
<ul style="list-style-type: none"> ● Compare maps/globes, use symbols, compass rose to identify cardinal directions. ● Identify characteristics of community/neighborhood. ● Find places on a neighborhood map ● Compare characteristics of cities/suburbs ● Read a calendar ● Characteristics of rural, urban, suburban communities ● Locate visual representations of global address:community, state, country, continent, world. ● Locate on globe the poles, hemispheres, and equator. ● Identify landforms, bodies of water. ● Tell difference between weather/climate. ● Compare places that have different climates. ● Describe, identify landform/ regions. ● Identify main idea and supporting details of a passage. ● Use Timeline to determine sequence. ● Explain importance of American symbols/landmarks, ● Explain difference among national, state and religious holidays. 	<p>STREAM:Postcard Project: Different forms of Communication around the World</p> <p>Houghton Mifflin, <u>Social Studies:Neighborhoods</u></p>	<ul style="list-style-type: none"> ● Postcard Project: students collect postcards from all over the world and display on wall according to continent of origin. ● Field Trips: Mapparium/ Town Center of Walpole. ● Continent Song. ● Children send get well cards to members of the community. ● Send postcards to Antarctica re:Penguins in hopes of receiving postmarked items from uninhabited continent. ● Scholastic News ● Daily calendar work. ● Social Studies “Sparkle” ● Timeline incorporated into Biography Project. ● American Symbols Scavenger Hunt ● Using Sound as communication-make musical instruments and decorate. ● Discuss the Gospel and how the Word of God has been communicated throughout the world.

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Religion

Note: In the fall of 2016, the Archdiocese of Boston released detailed Faith Formation Standards for use in all Archdiocesan schools. BSS is currently using these standards to evaluate the content and objectives of our current Religion curriculum to ensure alignment with these standards for Grade 2.

See the curriculum page of our website for the Faith Formation Standards.