

Kindergarten

Reading and Language

Objectives	BSS Difference
<ul style="list-style-type: none">● Sound mastery● Learn how to blend words with multi-sensory methods● Apply phonics skills to decode words, phrases, and sentences.● Develop vocabulary from hearing stories read aloud and classroom discussions● Record thoughts and ideas during journal writing● Automatic recognition of 27 high frequency “trick” words● Develop quick and automatic word recognition● Begin to read with prosody and expression● Understand that the key purpose of informational text is to teach or provide information about a specific topic● Develop listening and speaking skills● Develop comprehension and thinking skills	<ul style="list-style-type: none">● Author Studies● Phonics and vocabulary games● Utilize instructional tools (iPads) to connect with current curriculum topics/themes● Integrate STREAM units (informational texts, read alouds, vocabulary, etc)● Listen to read alouds by various readers (book buddies, secret readers, etc)● “Double Dose” small group lessons for students who need extra support in phonemic awareness, word study, handwriting, and spelling● Book buddies with older grade to support fluency, comprehension, and love of reading

Foundational Skills	Language and Writing
<ul style="list-style-type: none"> ● Identify both upper and lower case letters ● Identify the sound of each letter ● Listen to the sound and identify the corresponding letter(s) ● Identify direction of print (left to right, top to bottom) ● Differentiate between letters, words, and sentences ● Identify rhyming words ● Tap and blend sounds into words ● Read CVC words 	<ul style="list-style-type: none"> ● Identify and write first and last names ● Use writing grid appropriately ● Use proper pencil grip ● Proper letter formation for upper and lower case letters ● Respond to journal prompts ● Learn how to expand sentences to better reflect the meaning of the selected words ● Participate in shared writing experiences (collaborating and creating class books) ● Participate in class discussions ● Orally retell a story ● Express feelings and ideas ● Act out stories and poems
Literature and Informational	Vocabulary Use and Functions
<ul style="list-style-type: none"> ● Identify how to handle a book properly ● Choral reading of stories to help develop fluency ● Retell the sequence of events ● Create mental images with listening comprehension ● Understand the difference between narrative fiction and informational, nonfiction text ● Describe setting and characters in a story ● Describe major events and character feeling in a story ● Describe features of information text ● Identify and use terms author and illustrator with ease ● Make predictions ● Ask and answer questions related to a text ● Understand main idea of a text ● Construct visual images 	<ul style="list-style-type: none"> ● Use pictures to determine unknown words ● Identify opposites ● Identify synonyms ● Identify antonyms ● Identify position words (behind, after, next to, etc) ● Describe and give definitions of words

Math

Objectives	BSS Difference
<ul style="list-style-type: none">● Develop an understanding that numbers can be used for different purposes● Develop an understanding that numbers can be classified and represented in different ways● Proper numeral formation (numbers to 20)● Solve quantitative problems by counting, comparing, and joining and separating sets● Apply strategies to answer quantitative questions● Recognize the cardinality of small sets of objects● Describe objects using geometric ideas● Identify, name, describe, and compare two-and three-dimensional shapes	<ul style="list-style-type: none">● Utilize manipulatives to demonstrate concepts and solve problems● Make reference to math posters and visuals● Teach and recite number formation poems● Act out number stories and problems● Reinforce numbers, addition, and subtraction skills through math stories and games● Reinforce numbers, addition, and subtraction using iPad apps● Provide small group instruction● Integrate STREAM units (observation, counting, measurement, shapes, graphs)

Operations and Algebraic Thinking	Numbers and Operations
<ul style="list-style-type: none"> ● Know number names and count the sequence ● Counting groups of ten ● Ordinal numbers through fifth ● Ordering numbers on a number line ● Looking for patterns on a hundred chart ● Represent addition with objects, fingers, drawings, etc. ● Understand addition as putting together and adding to ● Use the plus sign (+) to represent joining groups ● Identify and use the equal sign (=) ● Understand subtraction as taking apart and taking from ● Use the minus sign (-) to represent “take away” situations ● Compare two groups to find more, fewer, and same as ● Writing number sentences with sums to 10 ● Classify objects into given categories ● Count the number of objects in each category and sort the categories by count 	<ul style="list-style-type: none"> ● Representing, relating, and operating on whole numbers, initially with set of objects ● Work with numbers 11-19 to gain foundations for place value ● Look for patterns in numbers ● Compose and decompose numbers 11 to 19 ● Creating sets to 19
Measurement and Data	Geometry
<ul style="list-style-type: none"> ● Describe length as a measurable attribute of objects ● Describe objects by more than one attribute ● Compare objects by length ● Compare objects by height ● Compare capacities ● Compare by weight ● Compare and contrast using language of same and different ● Sorting the same set in different ways ● Sorting by more than one attribute ● Classify objects into graphs ● Counting the number of objects in a graph 	<ul style="list-style-type: none"> ● Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres) ● Analyze, compare, create, and compose shapes ● Describes shapes and space ● Position and location of shapes (inside/outside, above, below, and on, in front of and behind, left and right) ● Same size, same shape ● Making shapes from other shapes ● Building with solid figures

- Real graphs/picture graphs

Science

<u>Skills & Learning Objectives</u>	<u>Content</u>	<u>BSS Difference</u>
<ul style="list-style-type: none"> ● Demonstrate some of the different ways scientists make observations. ● Demonstrate some of the different ways scientists try to solve problems. ● Contribute to group projects and reports about the topic being learned ● Contribute to the development of class graphs and charts. ● Use scientific vocabulary appropriately. ● Recognize that plants are living things that grow, reproduce, and need food, air, and water. ● Observe and describe the changes in appearance that plants go through as the seasons change. ● Identify tools and simple machines used for a specific purpose. (e.g. ramp pulley, lever, wheel). ● Make observations on how simple machines make our life easier. ● The materials used (and their characteristics) and the way materials are put together affect the stability of a structure. 	<ul style="list-style-type: none"> ● Scientific Process: learn how scientists ask questions, conduct investigations, gather data, formulate explanations ● STREAM projects ● Students use pictures, graphs, writing, etc to track and report on their knowledge. ● Students will participate in group discussions ● Scientific vocabulary through informational text (read-alouds) and science videos ● Life cycle of plants through a hands-on experiments ● Students will observe and record the changes that take place in plants ● Plants and their importance in our lives ● Experiments to explore simple machines ● Explore the properties of building materials. Students will use a variety of materials to build a structure. Students will test the stability of their structure, make observations, and improve their design 	<ul style="list-style-type: none"> ● STREAM units are utilized to help students make connections in the various subject areas. ● Hands on exploration and creation in four STREAM units. <ul style="list-style-type: none"> ○ 3 Pigs STREAM unit (Build houses) ○ Weather STREAM unit (thermometer exploration, build windsock, build snow measuring tool) ○ Playground STREAM unit (design and build their own playground) ○ Plants STREAM unit (build garden/plant out of recycled materials) ● Opportunities to showcase their learning with the community ● Appropriate integration of technology into STREAM units (videos, digital stories, iPad apps, recordings of mock weather reports)

Social Studies

<u>Skills & Learning Objectives</u>	<u>Content</u>	<u>BSS Difference</u>
<ul style="list-style-type: none"> ● Students will investigate the symbols, traditions, and histories of national and religious holidays. ● Identify the current President of the United States. ● Students will practice civics by means of classroom community building (rule making, problem-solving, sharing, and voting). ● Identify sequences of days, weeks, months, years, and seasons. ● Students will identify themselves as members of a broader social structure/community. ● Describe characteristics of self. ● Identify self as a member of a family structure Develop appreciation for individual differences. ● Identify community helpers (i.e., firemen, policemen, teachers, priest, doctors, etc.) ● Students will also be introduced to narratives about historical events and people so as to develop an awareness of the differences and similarities between now and long ago. 	<ul style="list-style-type: none"> ● Student will develop understanding for various holidays and traditions. <ul style="list-style-type: none"> ○ Identify and describe the events and people during US holidays and why we celebrate. ○ Identify the following American symbols: The American flag, (its colors and shapes); The picture and name of the current president and vice president; The words of the pledge of allegiance. ● Students will help determine classroom rules. ● Students will learn the days, weeks, months, year, and season during daily calendar activities. Students will sing songs and recite poems to help learn content. ● Students will recognize that families share similarities and differences through class discussions and read alouds. ● Students will see the important roles/jobs that people in the community members have to take care of others. ● Students will learn about the First Thanksgiving. Students will participate in acting out the First Thanksgiving using song and prayer. 	<ul style="list-style-type: none"> ● Participate in daily Morning Assembly and classroom calendar time to actively participate in prayer and learning. ● Identify self as a creation of God. ● Students will collect items to gift to the local Fire and Police Department. ● Students will create cards to show appreciation to various members of the school and local community. ● Participate in school casual days and charity initiatives. ● Participate in enrichment activities to learn about various community jobs. <ul style="list-style-type: none"> ○ Walpole Fire Department (Fire Safety Presentation/Q&A with Firemen) ○ Dental Program (Learn about proper dental hygiene/role of a dentist) ● Form relationship with the Police Officer that serves as BSS mentor.

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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 Kindergarten.

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