Curriculum Team Vision

All teachers will plan for all instruction using the Massachusetts Curriculum Frameworks, aligned to the Common Core, and craft powerful learning experiences for students.

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LYNN PUBLIC SCHOOLS

Pre-Kindergarten Curriculum Guide
**The pre-kindergarten student will:**

**Mathematics**

**The pre-kindergarten student will:**

**Counting and Cardinality**
- Know number names and the counting sequence.
- Count to tell the number of objects.
- Compare numbers.

**Operations and Algebraic Thinking**
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

**Measurement and Data**
- Describe and compare measurable attributes.
- Classify objects and count the number of objects in each category.
- Work with money.

**Geometry**
- Identify and describe shapes (squares, circles, triangles, rectangles).
- Analyze, compare, create, and compose shapes.

**English Language Arts**

**The pre-kindergarten student will:**

**Language:**
- Use language to expand knowledge, express ideas, and engage appropriately in conversation.
- Demonstrate active listening skills.
- Formulate thoughts, express ideas, and provide facts by asking and answering questions.
- Begin to use strategies such as sound/letter recognition, word families, syllabication, and chunking of words to understand the relationship between oral and written language.

**Reading and Literature:**
- Through a read aloud, begin to use a variety of reading strategies, including identifying basic facts and ideas in stories, exploring the difference between fantasy and reality, fiction and non-fiction, stories and poetry.
- Begin to ask and answer questions about stories read aloud.
- Recognize a regular beat in poetry.
- Identify main characters and events in a story, predict outcomes, and retell the story.
- Activate prior knowledge to make connections between a story or poems and one’s own experiences.
- Begin to understand conventions of print.
- Use picture clues to gain meaning.

**Composition:**
- Develop an understanding of the difference between print and oral language and make reasonable attempts to express ideas using correct letter formation for both upper and lower case letters.
- Recognize and write first and last name using proper upper and lower case letter formation.
- Begin to understand sentence structure when writing.
- Draw pictures and dictate or write stories with teacher’s help.

**Science and Technology**

**The pre-kindergarten student will:**

**Observe, sort, classify and manipulate living and nonliving things.**

**Earth & Science**
- Recognize the attributes of soil and rocks.
- Observe, discuss, and compare daily weather conditions.
- Label and sequence the four seasons.
- Compare, contrast characteristics of day and night.

**Life Science**
- Identify what all living things need to reproduce and grow.
- Sort and classify living and non-living things by characteristics.
- Recognize that plants and animals go through life cycles.
- Identify and describe the five senses.

**Physical Science**
- Sort objects by size, shape, color, weight, and texture.
- Identify and describe a solid, liquid, and gas.
- Describe types of movement/movement.
- Demonstrate concepts of balance, imbalance through use of scales, balances, and weights.

**Technology and Engineering**
- Construct simple structures through safe use of tools and materials.
- Compare and contrast how animal and human body parts are used as tools.

**Social Studies**

**The pre-kindergarten student will:**

- Use sequential action words such as first, next, last, to describe personal experiences.
- Identify a map and globe.
- Identify the American flag, national anthem, and recite the Pledge of Allegiance.
- Begin to understand family structures and their various ethnic backgrounds.
- Identify his/her street, town, phone number, state and country.
- Become familiar with town officials and community helpers.
- Begin to develop the concept of good citizenship.
- Begin to understand that people work to earn money needed to purchase items to live.
- Develop appreciation and respect for different cultural customs and languages.
- Identify and describe the events or people celebrated at national holidays (Labor Day, Columbus Day, Thanksgiving, Martin Luther King Day, President’s Day and Independence Day).
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The kindergarten student will:
- Recognize primary and secondary colors through the color wheel.
- Explore shapes through drawing and painting.
- Draw and paint from observation, imagination, and memory.
- Experiment with and control the painting process with various mediums.
- Use different skills and techniques for 3-D media.
- Create works of art by assembling various materials.
- Develop fine motor skills.
- Examine culture and history through artwork.
- Recognize the art elements: line, shape

Music

The kindergarten student will:
- Sing with good tone quality, diction, and accurate pitch.
- Recognize and respond to beat in music (long and short tones; fast and slow).
- Differentiate between loud and soft.
- Identify families of instruments.
- Learn songs of various cultures, styles and form.
- Perform periodically for school assemblies and public performances.

Health Dynamics

The kindergarten student will:
- Maintain spatial awareness through locomotive activities.
- Develop movement concepts including direction, balance, range, and force absorption.
- Understand vocabulary and concepts related to movement.
- Demonstrate safety skills, responsible social skills, and a positive attitude.
- Identify emotions/feelings and how to express them in a positive, appropriate manner.
### Mathematics

#### The kindergarten student will:

**Counting and Cardinality**
- Know number names and the count sequence.
- Count to tell the number of objects.
- Compare numbers.

**Operations and Algebraic Thinking**
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

**Number and Operations in Base Ten**
- Work with numbers 11–19 to gain foundations for place value.

**Measurement and Data**
- Describe and compare measurable attributes.
- Classify objects and count the number of objects in each category.

**Geometry**
- Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).
- Analyze, compare,