### Lower School CURRICULUM MAP

**JUNIOR KINDERGARTEN**

**LITERACY**
- **Writing Reviews**
- **Focus, Detail, and Dialogue**
- **Nonfiction Chapter Books**

**MATHEMATICS**
- **Numbers to 120**
- **Add and subtract within 20**
- **Intro to multiplication**

**PHYSICAL**
- **Soccer, field hockey, and lacrosse**
- **Basketball, volleyball, and badminton**
- **Swimming**

**VISUAL ARTS**
- **Articulation and description of personal free time interests**
- **Increased exposure to different cultures and styles**
- **Shape and space analysis through intentional hands-on experiences**

**RESOURCES**
- **Research Activity**
- **Collaborative work**
- **Building and recording data**

**ST**
- **Listening: Stories, conversations, group discussions, shared writing, interactive writing, independent writing**
- **Reading: Phonics and comprehension, reading nonfiction**
- **Writing: Focus, detail, and dialogue, nonfiction chapter books**

**JUNIOR KINDERGARTEN**

**LITERACY**
- **Prephonic work**
- **Letter-sound correspondence**
- **Alphabet recognition**

**MATHEMATICS**
- **Number concepts**
- **Comparing and ordering numbers**
- **Comparing two digits**

**PHYSICAL**
- **Basketball, volleyball, and badminton**
- **Swimming**

**VISUAL ARTS**
- **Articulation and description of personal free time interests**
- **Increased exposure to different cultures and styles**
- **Shape and space analysis through intentional hands-on experiences**

**RESOURCES**
- **Research Activity**
- **Collaborative work**
- **Building and recording data**

**ST**
- **Listening: Stories, conversations, group discussions, shared writing, interactive writing, independent writing**
- **Reading: Phonics and comprehension, reading nonfiction**
- **Writing: Focus, detail, and dialogue, nonfiction chapter books**

---

The Lower School social studies program is designed to provide a solid understanding of the student who is the most appreciative of the social studies curriculum. It covers a wide range of topics, including the history and culture of the United States, the world, and the local community. The program is designed to be engaging and challenging, with a focus on critical thinking and problem-solving skills. The curriculum is designed to encourage students to explore the world around them and to develop a sense of responsibility for their actions and decisions.
The lower school music curriculum is a stand-alone program that aligns with the National Performing Arts Standards and promotes the development of students as musicians and music-making scholars. It encourages students to explore and express their creativity through music, while also developing foundational skills in music theory, composition, and performance.

### Science

Science in the lower school encourages students to explore the world around them while introducing them to science concepts and vocabulary. In JK, science is taught through hands-on and interactive activities, such as collecting and observing common objects to introduce the concepts of observation and classification. In SK, students are introduced to the basic concepts of matter, energy, and the relationship between the two. They also learn about the water cycle, weather patterns, and the way plants and animals adapt to their environment. In the middle grades, science focuses on developing students' understanding of biological systems, including the human body, plants, and animals. Students are also introduced to the scientific method and learn how to design and conduct experiments to test their hypotheses.

### Writing Workshop

The Writing Workshop program provides students with opportunities to develop their writing skills through a variety of activities, including writing, revising, and editing. Students are encouraged to choose topics that interest them and to write about their experiences and observations. They are also taught to use various strategies to develop their ideas and to organize their writing effectively. The Writing Workshop program also emphasizes the importance of critical thinking and communication, as students are taught to analyze and evaluate their own writing and to provide constructive feedback to their peers.

### Latin

Latin employs two full-time registered nurses, one in the lower school and one to serve the middle and upper schools. The nurses provide immediate shift coverage to help children think about group dynamics and forming healthy relationships. Counselors visit each classroom JK–4 to build relationships, lead discussions, and facilitate activities that promote positive mental health decision making. The lower school counseling program provides a range of prevention and intervention services to support the social and emotional wellbeing of all students.

### Math

Students in grades 2–4 are using the Singapore math program, which teaches significantly fewer topics per grade level, but in greater depth. There are two lower school math workshops, and most students in grades 2 and 3 are using the Singapore math program. These workshops focus on developing students' problem-solving skills and their ability to think critically about mathematical concepts. In the lower school, students are introduced to basic mathematical concepts such as addition, subtraction, multiplication, and division. They also learn how to use math to solve real-world problems, such as calculating distances, measuring objects, and creating budgets. In the middle grades, students are introduced to more advanced mathematical concepts, such as algebra, geometry, and probability. They are also taught to use mathematical models to represent and solve problems in a variety of contexts.

### Embroidery Project

In the lower school, students collaborate with the Erikson Institute's Early Math Collaborative to put into practice the Big Ideas of Early Mathematics. First through fourth grades are using the Singapore math program, which teaches significantly fewer topics per grade level, but in greater depth. There are two lower school math workshops, and most students in grades 2 and 3 are using the Singapore math program. These workshops focus on developing students' problem-solving skills and their ability to think critically about mathematical concepts. In the lower school, students are introduced to basic mathematical concepts such as addition, subtraction, multiplication, and division. They also learn how to use math to solve real-world problems, such as calculating distances, measuring objects, and creating budgets. In the middle grades, students are introduced to more advanced mathematical concepts, such as algebra, geometry, and probability. They are also taught to use mathematical models to represent and solve problems in a variety of contexts.

### Tinkering with Dash Robots

The lower school computer science program is designed to provide a broad understanding of how the world works and an appreciation for the role of computer science in society. The curriculum is designed to be age-appropriate, hands-on, and engaging, and is designed to help students develop computational thinking skills that they can apply in their daily lives. Students are introduced to the basics of computer science, including how to use computers to solve problems, how to design and implement algorithms, and how to use programming languages to create interactive programs. They are also taught to work collaboratively and to communicate effectively with others.

### Art

Art in the lower school introduces students to the various elements of art, such as line, shape, color, and texture. Students are encouraged to explore these elements in a variety of ways, including painting, drawing, sculpture, and collage. They are also taught to use art to express their thoughts and feelings, and to think critically about the role of art in society.

### Latin Language Program

The Latin language program seeks to encourage students to become motivated language learners and global thinkers, connecting to the school's mission of fostering a sense of global citizenship. The primary goal of the program is to build a vocabulary base that fosters communication and creates a degree of comfort with the language. An interactive approach to teaching through music, movement, and playful engagement enhances student learning and provides stress relief. Latin employs two full-time registered nurses, one in the lower school and one to serve the middle and upper schools. The nurses provide immediate shift coverage to help children think about group dynamics and forming healthy relationships. Counselors visit each classroom JK–4 to build relationships, lead discussions, and facilitate activities that promote positive mental health decision making. The lower school counseling program provides a range of prevention and intervention services to support the social and emotional wellbeing of all students.

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program

### 3rd Grade

### 4th Grade

### Social Studies

### Science

### Latin

### Math

### Embroidery Project

### Tinkering with Dash Robots

### Art

### Latin Language Program