

LEARNING & LEADING IN THE 5TH GRADE



A Note From Dr. Stacy

Our goal at Beechwood is to foster a positive relationship between all members of the school community, including staff, students, parents, and guardians. We recognize that schools cannot improve student achievement and maximize growth alone; families play a significant role in their children's education. Simply put, students are more successful in school and life when their families are engaged in their educational journey. It is our goal that these documents increase the partnership, communication and understanding between home and school.

This is an overview of your child's educational year at Beechwood. We have addressed both specific content expectations and nontraditional concepts like wellness, leadership and creativity. Growth as a leader and learner is more complex than reading and math alone. To be globally competitive, our children need exposure to new content, problem solving, business engagement, leadership opportunities, and more. Please review the document to see what your student will be expected to know and do by the end of their academic year.

If and when you have questions, please reach out to your teacher and/or administrator. Anyone of us would be more than happy to discuss the specifics of this document or help you answer any questions you might have about your child's academic progress. We are all partners in their educational and leadership journey.

The Beechwood Way

No matter how much technology, culture, and society around the world changes, the high expectations for Learners at Beechwood will never change. We teach your children to think critically and creatively, be resilient, and to be fearless so that they can adapt to that changing world landscape. Some of the ways we support Learners:

■ Wellness

We understand that physical and mental health is important to learning

■ Personalized Support Services

All students succeed when their individual needs are met

■ Writing

Effective writing is an essential component of communication

In order to further prepare your children for a changing world, we give them a number of Leadership opportunities. We teach your children the qualities and habits of a Leader- Strategic Thinking, Decision Making, Intrapersonal Communication, and Time Management. Since leadership takes many forms, we want your children to confidently use their skills to lead. Some ways that we support Leaders:

■ Field Experiences

Experiences that are aligned to give students opportunities to observe and experience varied leadership

■ Leadership

Support students in defining their individual leadership skills

■ Community Engagement

We share our learning with the community and grow from the exchange

The world has become smaller and closer all at the same time. In order to be successful in that environment, your children need to be Globally Competitive. Through a series of courses and experiences students refine their translatable skills to compete with students across the globe. Some of the ways we support Globally Competitive students:

■ Electives

Courses that enhance the student experience and deepen understanding of a specific topic

■ Research

Using skills to review, analyze, and develop a product that addresses a question or problem

5TH GRADE EXPERIENCES



Learners

We understand that physical and mental health is important to learning. In Grade 5, your child will experience Social Emotional Learning, Physical Education, Opportunities for small group and

individual school counseling, VPA(recess).

All students succeed when their individual needs are met. In Grade 5, your child will experience personalized instruction based on data-driven decisions, Response to Intervention for reading/math/writing, and enrichment opportunities in and out of the classroom setting.



Leadership

Experiences that are aligned to give students opportunities to observe and experience varied leadership opportunities.

In Grade 5, your child will have the opportunity to visit local service organizations, museums, Universities, interact with animals, and more.

We support students in defining their individual leadership skills. In Grade 5, your child will engage in daily activities that promote leadership among peers.

We share our learning with the community and grow from the exchange. In Grade 5, your child will engage in performance opportunities for the community.



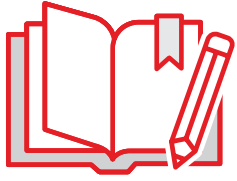
Globally Competitive

We offer courses that enhance the student experience and deepen understanding of a specific topic. In Grade 5, your child

will experience collaborative services for academic support and enrichment in the regular classroom. Every student will experience STEM, Library/Tech, Art, PE, Music and Mandarin on a weekly basis to enhance their development as well.

We use skills to review, analyze, and develop a product that addresses a question or problem. In Grade 5, your child will experience an inquiry based learning environment where he/she can grow through a process which includes all steps of the iteration process.

LANGUAGE ARTS



Beechwood learners will read widely and deeply from a broad range of high quality, increasingly challenging literary and informational print and non-print texts and text sets from diverse cultures, time periods and disciplines, including all content areas. Through intentional scaffolding in which responsibility is gradually released, students will learn to activate schema, use cognitive strategies flexibly, acquire rich content knowledge and develop into independent and proficient lifelong learners. Learners will demonstrate competency of these standards in the context of authentic reading, writing, speaking and listening tasks.

Grade 5 learning will include, but is not limited to:

- Read and comprehend literature (including stories, dramas, and poetry) and informational texts (including history/social studies, science, and technical texts) independently and proficiently.
- Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine main idea/details, summary, story structure, inferences, point of view, theme of a story, drama, or poem using details in the text.
- Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.
- Compare and contrast stories in the same genres, story elements, overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in two or more texts.
- Write opinion, informative/explanatory texts, narratives
- With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach.
- Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.

SOCIAL STUDIES



Beechwood learners will use the standards to explore the relationships and interactions among individuals and groups at local, state, national and international levels through the disciplines of civics, economics, geography and history and the inquiry practices of questioning, investigating, using evidence and communicating conclusions.

Grade 5 learning will include, but is not limited to:

- U.S. history from the American Indians to the Civil War. Themes: government/civics, cultures/societies, economics, geography, and historical perspective.
- The study of government and civics allows students to understand the nature of government and the unique characteristics of American democracy, including its fundamental principles, structure, and the role of citizens.
- Students should understand people from cultural groups throughout the U.S. and the issues, challenges, ideas and traditions surrounding

MATH



Beechwood learners will make sense of problems and persevere in solving them, reason abstractly and quantitatively, construct viable arguments and critique the reasoning of others, model with mathematics, use appropriate tools strategically, attend to precision, look for and make use of structure, look for and express regularity in repeated reasoning.

Grade 5 learning will include, but is not limited to:

Operations and Algebraic Thinking

- Write and interpret numerical expressions.

Number and Operations in Base Ten

- Perform operations with multi-digit whole numbers and with decimals to hundredths.

Number and Operations Fractions

- Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

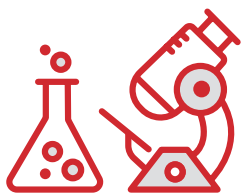
Measurement and Data

- Convert like measurement units within a given measurement system.

Geometry

- Graph points on the coordinate plane to solve real-world and mathematical problems.

SCIENCE



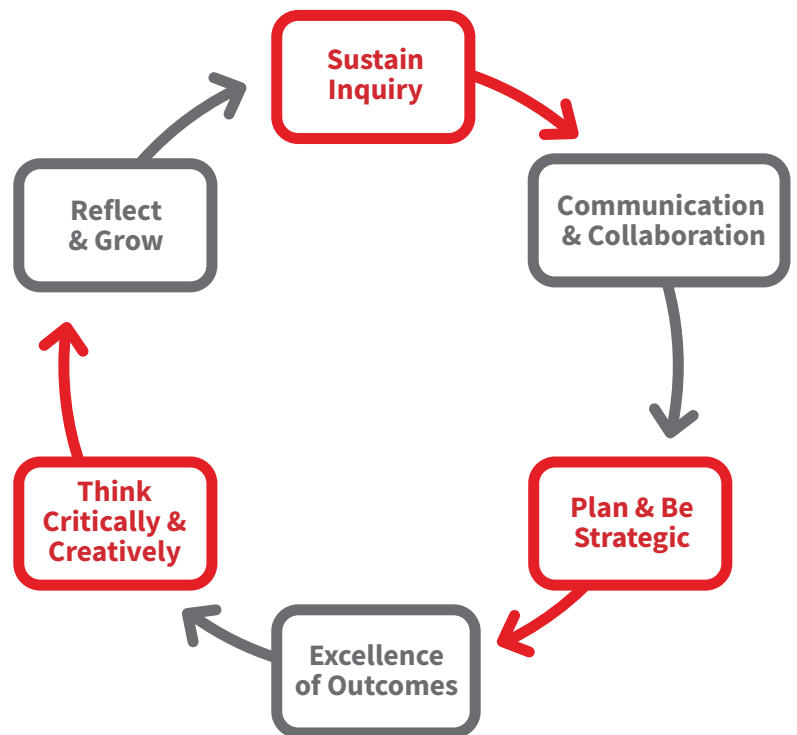
Beechwood learners will ask questions and define problems, develop and use models, plan and carry out investigations, analyze and interpret data, use mathematical and computational thinking, construct explanations and define solutions, engage in argument from evidence, obtain, evaluate and communicate information and use scientific equipment safely.

Grade 5 learning will include, but is not limited to:

Physical Science, Life Science, Earth Science, Human Impacts, and Engineering and Technology

- Developing and using models
- Creating a claim and Supporting their argument using evidence from observations
- Representing data using graphical displays
- Conducting Investigations
- Measuring and graphing quantities
- Defining problems and designing simple solutions

SEMINAR CORE CONCEPTS



5h Grade Seminar

Seminar in 5th grade is focused on providing a foundation of skills that will serve students through the program, through high school, and beyond. These skills are taught through a series of increasingly difficult Challenges designed to provide the necessary experience needed to apply their learning in a number of different situations. Students apply their understanding of group work and the roles within a group, use of technology, feedback, and the Iterative Design Process to develop ideas, prototype them and produce products that provide the solution to a problem. Seminar students also engage the community by seeking their partnership in the development of their challenges. Through interaction with the regional and local business partners, students have an opportunity to learn about careers hands on and with significant depth.

There are four main aspects of the 5th grade Seminar curriculum:

Interpersonal Communication, where students will:

1. Practice and get to know **group roles** and the dynamics of how groups can work together to solve problems
2. Enhance their **presentation skills** while working with a group
3. Conduct a **video interview** to learn new technology and how to ask good questions
4. Engage in a **Pro/Con** discussion to learn how good research enhances a discussion questions
5. Develop a **challenge presentation** to solve a problem and present it to a small group discussion questions

Visual Presentation, where students will:

1. Learn new and move advanced **presentation skills** and utilize software that produces a better product
2. Create an **Inspirational Poster** to learn more software that widens their skills base
3. Conduct a **Branding Study** to understand what branding is and how it is developed
4. Work on a **Branding Project with the Community** to put their new skills into action

Challenges/Iterative Processes

1. Create a solution to a **Challenge at Beechwood** and present it to the district
2. Build a **Playable Game** from scratch, with rules, game board, box, and pieces

Work with Professional Partners

1. Discover, research, present, and defend the solution to a problem
2. Work with business partners from around the area to find a problem to solve
3. Present the solution to a problem at the partner's place of business

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