

# LEARNING & LEADING IN THE 4<sup>TH</sup> 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

## 4<sup>TH</sup> GRADE EXPERIENCES



### Learners

**We understand that physical and mental health is important to learning.** In Grade 4, 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 4, 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 4, your child will have the opportunity to visit local service organizations, museums, interact with animals, and more.

**We support students in defining their individual leadership skills.** In Grade 4, 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 4, your child will engage in performance opportunities for the community.



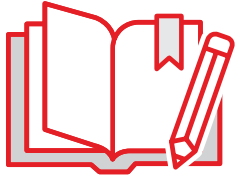
### Globally Competitive

**We offer courses that enhance the student experience and deepen understanding of a specific topic.** In Grade 4, 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 4, 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 4 learning will include, but is not limited to:**

## Reading

- Read fluently to support comprehension
- Decode words and grade level phonics (roots, affixes, and prefixes)
- Read & Comprehend Literature (Refer to details in the text, infer, determine the theme of a story, elements of a story, point of view, determine the meaning of words in context, the structural elements of: poetry, prose and drama.)
- Read & Comprehend Informational Text (Inferencing, main idea, summarizing, explaining events in the text, explain domain specific words, text structures, first hand & second hand accounts, interpret and explain text features, cite text evidence, integrate information from paired texts)
- Application of differentiated spelling to content area writing

## Writing/Speaking

- Demonstrate the use of the writing process in their narrative, informative and opinion pieces
- Write to explain and demonstrate learning in all curriculum areas
- Apply their grammar knowledge to revise and edit
- Digitally confer with their peers and teacher
- Demonstrate knowledge of keyboarding skills
- Write for a variety of purposes
- Use the RACE strategy for short and extended response questions

# 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 4 learning will include, but is not limited to:**

- Current events impacting Kentucky, the United States, and the World
- History of Kentucky

- Geography of Kentucky
- Economics
- Map skills
- Levels and Branches of Government

# MATH

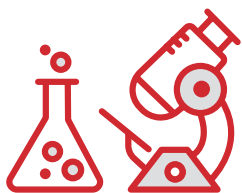


Beechwood learners will make sense of problems and persevere in solving them, reason abstractly and quantitatively, construct viable arguments and critique the reasoning of others, model with mathematics, use appropriate tools strategically, attend to precision, look for and make use of structure, look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

**Grade 4 learning will include, but is not limited to:**

- Fluency with adding and subtraction of multi-digit whole numbers
- Fluency with multi-digit multiplication
- Division with multi-digit dividends
- Fractions (equivalent, adding, subtracting, multiplying, decimal notation and comparing)
- Classify and Analyze Geometric figures
- Measurement conversions (Metric and Customary)
- Reading & Interpreting Data
- Angles (Measure, Draw and Classify)
- Make a Line Plot to Display data
- Four operations used to solve word 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 4 learning will include, but is not limited to:**

- Energy & Matter
- Waves

- Plants & Animals (Internal & External Structures)
- Rock formations and Fossils
- Effects of Weathering, Erosion & Deposition
- Analyzing and Interpreting Data





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