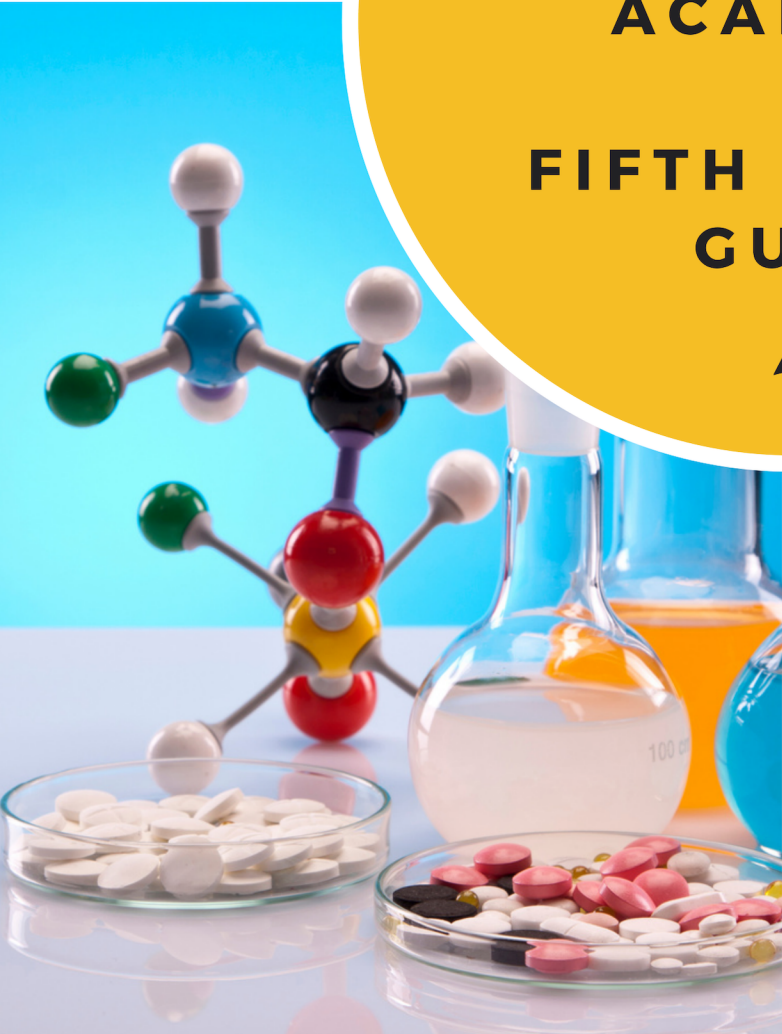




**ASANTE
PREPARATORY
ACADEMY**

**FIFTH GRADE
GUIDE**



OVERVIEW

Hello Fifth Grade Families-

This academic success guide has been created to give you an overview of the important concepts your child should be mastering by the end of the year during their time here at Asante Preparatory. It will also give you some ideas of things you can do at home to help support your child. In addition, the guide will give you an overview of the special area classes your child will participate in during their year.

At Asante, we track student progress by standard. We look for opportunities to deepen their learning in some areas and also accelerate them when appropriate. As your student is progressing through their education, our goal is all middle school students will leave Asante with at least one high school credit.

We know how important our partnership will be in helping your child be as successful as possible, so please don't ever hesitate to reach out with ideas or questions!

We hope this is the most amazing year for your child!

The Fifth Grade Team

ENGLISH LANGUAGE ARTS

In 5th grade, your child will read widely and deeply from a range of high-quality, increasingly challenging fiction and nonfiction from diverse cultures and time periods. Building knowledge about subjects through research projects and responding analytically to literary and informational sources will be key to your child's continuing success. Your child will write stories or essays that are several paragraphs long. By devoting significant time and effort to producing numerous written pieces over short and extended timeframes throughout the year, he or she also will gain control over many conventions of grammar, usage, and punctuation as well as learn ways to make himself or herself understood.

What Your Child Is Learning

- Summarizing the key details of stories, dramas, poems, and nonfiction materials, including their themes or main ideas
- Identifying and judging evidence that supports particular ideas in an author's argument to change a reader's point of view
- Integrating information from several print and digital sources to answer questions and solve problems
- Writing opinions that offer reasoned arguments and provide facts and examples that are logically grouped to support the writer's point of view
- Writing stories, real or imaginary, that unfold naturally and developing the plot with dialogue, description, and effective pacing of the action
- Coming to classroom discussions prepared, then engaging fully and thoughtfully with others (e.g., contributing accurate, relevant information; elaborating on the remarks of others; synthesizing ideas)
- Reporting on a topic or presenting an opinion with his or her own words, a logical sequence of ideas, sufficient facts and details, and formal English when appropriate
- Expanding, combining, and reducing sentences to improve meaning, interest, and style of writing
- Building knowledge of academic words with an emphasis on those that signal a contrast in ideas or logical relationships, such as on the other hand, similarly, and therefore

MATHEMATICS

Fifth grade is a milestone and a pivot point for students. The classroom focus on arithmetic during the elementary grades will develop into a more formal study of algebra in middle school. To be ready for algebra, students must have an understanding of fractional arithmetic, in part because even simple equations cannot be solved without fractions. Because of this, whole-number arithmetic comes mostly to a close in 5th grade, while multiplying and dividing fractions becomes a major focus.

What Your Child Is Learning

- Adding and subtracting fractions with unlike denominators (e.g., $2\frac{1}{4} - 1\frac{1}{3}$), and solving word problems of this kind
- Multiplying fractions; dividing fractions in simple cases; and solving related word problems (e.g., finding the area of a rectangle with fractional side lengths; determining how many $\frac{1}{3}$ -cup servings are in 2 cups of raisins; determining the size of a share if 9 people share a 50-pound sack of rice equally or if 3 people share $\frac{1}{2}$ pound of chocolate equally)
- Generalizing the place-value system to include decimals, and calculating with decimals to the hundredths place (two places after the decimal)
- Multiplying whole numbers quickly and accurately, for example $1,638 \times 753$, and dividing whole numbers in simple cases, such as dividing 6,971 by 63
- Understanding the concept of volume, and solving word problems that involve volume
- Graphing points in the coordinate plane (two dimensions) to solve problems
- Analyzing mathematical patterns and relationships
- Using metric and standard conversions to solve real-world problems of measurement.

SOCIAL STUDIES

Students understand the history of the United States within an integrated approach considering the following factors:

- Historic and economic events from American Revolution to Industrialism including but not limited to the American Revolution, Constitutional Convention, westward expansion, Civil War and Reconstruction, and growth of industrial and urban America looking at origins, founders, and key political, economic, and social figures as they relate to the events
- Creation of the Constitution and the principles within the document including historical and philosophical influences, influence of state constitutions, Articles of Confederation, compromises and ratification debates at the Constitutional Convention, Bill of Rights, limited government, popular sovereignty, federalism, rule of law, checks and balances, and separation of powers
- Development and structure of the national government including the Preamble, the three branches, examples of powers granted to each branch, powers granted to the states and individuals, the Bill of Rights, and current issues in regard to federalism and rights
- Influence of immigration including push/pull factors, industrialization, urbanization, diversification of the population, and debates over immigration
- Contributions of various cultural and ethnic groups to the changing social and political structure of the United States
- Roles and responsibilities as citizens of the United States including participation in the political system
- Examination of primary and secondary sources including written and oral histories, images, and artifacts with special attention being given to founding documents including the Declaration of Independence, the Constitution and amendments, and landmark Supreme Court cases
- Inclusion of historical fiction, images, books, graphic novels, in addition to informational texts
- Disciplinary skills and processes including change and continuity over time, multiple perspectives, using and understanding sources, and cause and effect

SCIENCE

By the end of fifth grade, students apply their understanding of scale at macro (time and space) and micro (particles of matter) levels to understand patterns and scale across life, earth and space, and physical sciences. Students will develop an understanding of forces, conservation of matter, and that genetic information can be passed down from parent to offspring. Student investigations focus on collecting and making sense of observational data and simple measurements using the science and engineering practices:

- ask questions and define problems,
- develop and use models
- plan and carry out investigations,
- analyze and interpret data
- use mathematics and computational thinking,
- construct explanations and design solutions
- engage in argument from evidence
- obtain, evaluate, and communicate information

SPECIAL AREA CLASSES

At Asante Preparatory Academy, students in fifth grade have the opportunity to participate in special area classes in one week cycles. These courses will help them explore interests in the arts, robotics and STEM (Science Technology, Engineering and Math), and health and fitness. During the four weeks, each child will attend classes in:

- Physical Education
 - Art
 - General Music
 - iExplore
-

WAYS TO HELP YOUR CHILD AT HOME

- Literary Ideas:
 - Invite your child to read his or her writing out loud to other family members. Ask questions about your child's word choices and ideas.
 - Discuss your family stories and history. Encourage your child to ask relatives questions about their lives. Put the information together in an album or brainstorm different ways to tell family tales, such as poems or short stories.
 - Go to a play or musical with your child. Discuss the way the actors bring the words to life.
 - Write a shared journal about a book read together, a vacation, or feelings.
- Mathematics Look for "word problems" in real life. Some 5th grade examples might include:
 - Doing arithmetic with decimals, for example when balancing a checkbook.
 - Multiplying with fractions — for example, if you used about $\frac{2}{3}$ of a $\frac{3}{4}$ -cup measure of vegetable stock, then how much stock did you use? About how much is left?
 - Using the length, width, and depth of a garden plot to determine how many bags of garden soil to buy.
 - Follow a recipe to cook a family meal.

**THANK YOU
FOR SHARING
YOUR CHILD
WITH US!**



ASANTE
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