



GRADE 6

Grade 6 students are screened 3 times each school year to determine proficiency in reading and math. If screening results indicate that a student is at risk of not achieving proficiency, they will either receive additional assistance in the classroom or be scheduled for an Academic Intervention Service (AIS) class in that subject area.

Grade 6 students also take periodic assessments in math, ELA, social studies, reading and science to measure progress toward standards.

Grade 6 students also take NY State Assessments in English Language Arts and Mathematics.



Office of Curriculum and Instruction

Batavia City School District

GRADE LEVEL EXPECTATIONS

New York State learning standards outline what a student should know and be able to do by the end of the grade level. There are also additional skills that a well-rounded student should possess. Listed below are examples of Batavia City Schools' academic expectations for sixth grade students. These should be viewed holistically and are not meant to determine promotion or retention; a student may demonstrate or be on track for proficiency without having mastered every skill. Teachers intervene as appropriate to support skills development.

READING

- Provide relevant & specific details from texts to support answers, inferences
- Determine a theme or central idea of a text & how it is developed by key supporting details; summarize a text
- Describe the plot & how the plot affects characters' behavior
- Analyze how sections (e.g., paragraphs, stanzas, scenes) are part of overall text structure & help develop theme/central idea, setting, or plot
- Identify & explain how point of view is developed & conveys meaning
- Evaluate argument & claims in text; distinguish between claims supported by relevant evidence from claims that are not
- Compare/contrast texts in different forms or genres
- Read & understand grade 6 literature & informational texts

WRITING AND LANGUAGE

- Demonstrate grade-appropriate use of spelling, grammar, usage, mechanics
- Write an argument to support claim(s) using clear reasons, relevant evidence
- Write informative texts to share relevant ideas & information
- Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, & clear sequence
- Use transition words to help develop key ideas
- Conduct research to answer questions & to build knowledge
- Take notes & create outlines using appropriate strategies

VOCABULARY

- Use context clues & knowledge of common Greek & Latin roots, prefixes & suffixes to determine word meaning
- Demonstrate understanding of figurative language, word relationships (e.g., part/whole, item/category) & nuances in word meaning
- Acquire & use grade-appropriate general academic & content area words

LISTENING & SPEAKING

- Engage in collaborative discussions
- Come to discussions prepared, having read or studied required material
- Present claims & findings, sequencing ideas logically & using relevant descriptions, facts, & details; make appropriate eye contact, use adequate volume, & clearly enunciate

SOCIAL STUDIES

- Analyze the development & interactions between cultures, civilizations, empires; compare governmental & economic trends in the Eastern Hemisphere
- Compare/contrast belief systems and religions that developed in the EH
- Analyze how complex societies & civilizations change over time & how their political & economic structures evolve
- Examine how trade networks promoted the exchange & diffusion of language, belief systems, tools, intellectual ideas, inventions, & diseases

TIPS FOR PARENTS

Set aside daily time for reading. Ask students questions about the book they read. Read the book yourself to foster better conversation.

Encourage students to select informational books about science, history, art, music, and famous people. Building background knowledge is important for comprehension.

Expect students to write daily, using the strategies they learn in school. Writing about what they read improves comprehension.

Observations are an important scientific skill; writing, drawing, and taking photographs are all ways to record observations. Take pictures of butterflies, record chirping crickets, use a website to learn more about a specific phenomenon or creatures.

Practice basic math facts by posing problems to solve mentally; expect a quick verbal response. Involve your student in tasks that require math like cooking, measuring, building, etc.

When students make a mistake, help them to problem-solve a better solution.

Set a scheduled bed time. Sleep is important for Middle School Students. Research suggests children ages 10-13 get an average of 9-11 hours of sleep a night.

MATH

Grade Level Fluencies: Multi-digit multiplication/division; Multi-digit decimal operations, Operations with fractions

Ratios and Proportional Relationships:

- Understand ratio concepts & use ratio reasoning to solve problems
- Find a percent of a quantity as a rate per 100

The Number System:

- Apply & extend previous understandings of multiplication & division to divide fractions by fractions
- Compute fluently with multi-digit numbers & find common factors and multiples to problem solve
- Extend understanding of numbers to the system of rational numbers

Equations and Expressions:

- Extend previous understandings of arithmetic to algebraic expressions
- Reason about and solve one-variable equations and inequalities
- Use variables to represent and analyze quantitative relationships

Geometry:

- Solve real-world & math problems involving area, surface area, & volume

Statistics and Probability:

- Develop an understanding of how data varies by how it is collected, displayed, and distributed
- Display and summarize numerical data in various formats

SCIENCE

Analyze, collect & interpret data, apply scientific principles, develop models on the following units of study:

- Metric System and Measurement
- Weather and Climate
- Human Impact
- History of the Earth
- Earth's Systems (Rock Cycle, Water Cycle)
- Space Systems (Earth, Sun, Moon)

MUSIC

- Sing alone & with others using steps, skips, repeated notes
- Listen to music & write descriptions of musical elements
- Compose simple melodies, rhythms & multiple part songs
- Identify music styles including: American folk, blues/jazz, rock 'n' roll
- Identify the main components of musicals

FAMILY AND CONSUMER SCIENCE

- Demonstrate management of consumer resources, clothing, age-appropriate finances, human development, interpersonal relationships, personal environments & nutrition/wellness through hands-on, practical application
- Identify age-appropriate connections to the workplace by researching & exploring careers and their connection to the community

TECHNOLOGY

- Demonstrate problem solving using technology, management of technological resources, and the effects of technology on everyday life through practical application
- Research and explore careers related to the technological world around
- Apply core skills and concepts to complete technological tasks effectively

HEALTH

- Apply prevention and risk reduction strategies to adolescent health problems
- Demonstrate personal and social skills which enhance personal health and safety
- Distinguish between valid and invalid health information, products and services
- Analyze the multiple influences which affect health decisions and behaviors
- Analyze how media & technology influence the selection of health information, products & services

PHYSICAL EDUCATION

- Perform basic motor & manipulative skills
- Attain competency in a variety of physical activities
- Demonstrate safe, responsible, personal & social behavior