

Mrs. Ashby

Grade 6

Rachael_Ashby@wheatland.k12.ny.us

• COURSE	• OVERVIEW	• MATERIALS/HOMEWORK
• MATH	<ul style="list-style-type: none">• Course Theme: Students will engage in eight Standards for Mathematical Practice• 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.• Per NYS Next Generation Learning Standards: http://www.nysed.gov/common/nysed/files/programs/curriculum-instruction/nys-next-generation-mathematics-p-12-standards.pdf• In Grade 6, instructional time should focus on five areas:<ul style="list-style-type: none">○ connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems;○ completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers;○ writing, interpreting, and using expressions and equations;○ deepening understanding of area, surface area and volume;○ developing understanding of simple probabilities and statistical thinking.• Units of study in class will include:• Arithmetic Operations (+, -, x, /)• Number Systems (fractions and rational numbers)• Ratios and Unit Rates• Expressions and Equations• Area, Surface Area, Volume• Probability and Statistics	<ul style="list-style-type: none">• Notebook• Binder• Pencil/Eraser• Laptop• HW: Assignments will go home as necessary.• We will generally complete our <u>unit work</u> in class and Resource periods.
• ENGLISH	<ul style="list-style-type: none">• Course Theme: We read, write, listen, think, and speak to communicate. <i>Communication: receiving and sending information.</i>• Reading: Learn and apply reading strategies (questioning, annotating, inferring, visualizing, synthesizing, metacognition, schema and making connections) to read more challenging material closely. Learn about the world and make connections through reading. Discuss reading using evidence from the text and increase academic vocabulary. Read as much non-fiction as fiction. Read every day.• Writing: Write for a variety of purposes (inform, explain, express feelings and opinions, persuade, inquire). Use formal and informal writing. Engage in the writing process (brainstorm, draft, revise, edit, publish). Writing is communication! Write every day.• Presentation Platforms: Students will have opportunities to communicate with others through a variety of platforms: drawings, posters, charts, journal entries, traditional reports, PowerPoint /computer slides, verbal expression, circle discussion format	<ul style="list-style-type: none">• Writing utensils• Laptop• HW: Assignments will go home as necessary.• Read daily!

<ul style="list-style-type: none"> SOCIAL STUDIES 	<ul style="list-style-type: none"> Course Theme: “Where and when you live, affects how you live.” Ancient Civilizations: Students will learn how the geography of ancient times impacted the people who lived there. Students will explore belief systems across time and examine foundations of democracy and other governments. Five main themes of geography: location, place, human-environment interaction, movement, and region. Units of study: Geography Skills Stone Ages Fertile Crescent / Mesopotamia Ancient Egypt Ancient China Ancient India and South Asia Ancient Greece Ancient Rome Islam Medieval Europe / Middle Ages 	<ul style="list-style-type: none"> Writing utensils Laptop HW: Class assignments will go home as necessary.
<ul style="list-style-type: none"> SCIENCE 	<ul style="list-style-type: none"> Course Theme: Units of study: The Nature of Science: Students will demonstrate understanding of the scientific process and method, to conduct experiments and assume the role of a scientist. Earth’s Place in the Universe: students will explore the composition of the earth, and how its history has impacted the ongoing, and continuous, change of Earth's structure. Students will relate their understanding of phenomenon on Earth, to universal constants including gravity and galactic patterns and phases. Earth Systems: Weather and Climate: Students will describe the weather cycles that take place on Earth, and explain the relationships of energy and their impact the climates of the planet. Students will explore how human impact and weather changes, and conditions, drive resource availability on Earth. Earth and Human Activity: Students will explore weather events and disasters, while relating the causes and effects to population dense areas. Students will design action plans to limit human impact on environment and pollution. 	<ul style="list-style-type: none"> Binder Notebook Writing utensils Laptops HW: Assignments will go home as necessary,
<ul style="list-style-type: none"> RESOURCE 	<ul style="list-style-type: none"> Resource is a service that provides opportunities for reviewing, re-teaching, and practicing unit concepts and skills across core areas. It provides a teacher-supported opportunity to complete assignments, develop academic skills, and further understandings. Resource is also a time to develop executive functioning skills (attend, prioritize, organize, plan, manage time, complete tasks, regulate emotions, consider others’ point of view, etc.) 	<ul style="list-style-type: none"> Bring core assignments. Bring laptops. Bring any questions or concerns about school procedures or assignments. Be prepared to work on skills development.