



6th Grade Curriculum Overview

6th graders engage in a number of core academic classes, including: ELA (8 periods), math (8 periods), science (6 periods), social studies (5 periods), Spanish (3 periods), gym (2 periods), Wingspan Arts (2 periods), W.I.N. (reteaching, intervention, learning lab) (2 periods), Touchstones (1 period), and health (1 period) a week. Once a week, they participate in activities centered around our school's CIRCLE values, social justice, and social emotional wellbeing during the school's "Builder's Block" time.

ELA

Week 1-8	<u>Hatchet</u> / Adventure Narrative/ LAT Essay/ Grammar and conventions
Weeks 9-17	Holocaust- <u>The Devil's Arithmetic</u> / Nonfiction Articles and Stories/ Film and Photo Documentaries/ Bibliography/ Primary/ Secondary Sources / Grammar and conventions
Weeks 18-23	<u>The Giver</u> / Dystopia Essays (Narrative) / Comparative writing/ Grammar and conventions
Weeks 24-29	Hero Project / NJSLA (New Jersey Standards of Learning Assessment Prep/ Hero Project Presentations/ Grammar and conventions
Weeks 30-33	Poetry/ MS Poetry Slam/ Figurative Language
Weeks 34-40	<u>The Breadwinner</u> / Memoir (6th grade in review) displayed through writer's choice (podcast, graphic novels, documentary, art, etc.)/ Grammar and conventions

Math

Week 1-5	Prime Time: Compute fluently with multi-digit numbers and find common factors and multiples/ Apply and extend previous understandings of arithmetic to algebraic expressions.
Weeks 6-10	Comparing Bits and Pieces: Understand ratio concepts and use ratio reasoning to solve problems/ Compute fluently with multi-digit numbers and find common factors and multiples/ Apply and extend previous understandings of numbers to the system of rational numbers.
Weeks 11-14	Let's Be Rational: Apply and extend previous understandings of multiplication and division to divide fractions by fractions/ Compute fluently with multi-digit numbers and find common factors and multiples/ Apply and extend previous understandings of arithmetic to algebraic expressions/ Reason about and solve one-variable equations and inequalities.
Weeks 15-20	Covering and Surrounding: Solve real-world and mathematical problems involving area, surface area, and volume/ Apply and extend previous understandings of numbers to the system of rational numbers/ Apply and extend previous understandings of arithmetic to algebraic

	expressions/ Reason about and solve one-variable equations and inequalities/ Represent and analyze quantitative relationships between dependent and independent variables.
Weeks 21-25	<i>Decimal Ops</i> : Understand ratio concepts and use ratio reasoning to solve problems/ Apply and extend previous understandings of multiplication and division to divide fractions by fractions/ Apply and extend previous understandings of arithmetic to algebraic expressions/ Reason about and solve one-variable equations and inequalities.
Weeks 26-32	Variables and Patterns: Apply and extend previous understandings of arithmetic to algebraic expressions/ Reason about and solve on one-variable equations and inequalities/ Represent and analyze quantitative relationships between dependent and independent variables/ Understand ratio concepts and use ratio reasoning to solve problems/ Apply and extend previous understandings of numbers to the system of rational numbers.
Weeks 33-40	Data About Us: Develop understanding of statistical variability/ Summarize and describe distributions/ Apply and extend previous understandings of numbers to the system of rational numbers/ Understand ratio concepts and use ratio reasoning to solve problems.

Science

Week 1-3	Earth, Moon, and Sun: Revolution, rotation, axis, seasons/ Introduction to gravity, mass, and inertia/ Moon phases, eclipses, and tides/ Characteristics of the moon
Weeks 4-6	Exploring Space: Space exploration/ Space science on earth
Weeks 7-9	The Solar System: Early theories of the solar system (geocentric vs. heliocentric)/ Characteristics of the sun/ Planets/ Comets, asteroids, and meteors
Weeks 10-11	Stars, Galaxies, and the Universe: Characteristics of stars/ Lives of stars/ Star systems and galaxies
Weeks 12-14	Plate Tectonics: Earth's interior/ Convection and mantle/ Continental drift/ Sea-floor spreading/ Theory of plate tectonics
Weeks 15-17	Earthquakes: Tension and faults/ Seismic waves & seismic-safe buildings
Weeks 18-20	Volcanoes: Volcanoes and plate tectonics/ Volcanic eruptions/ Volcanic landforms
Weeks 21-23	Minerals: Properties of minerals/ How minerals form/ Using mineral resources
Weeks 24-27	Rocks: Classifying rocks/ Igneous rocks/ Sedimentary rocks/ Rocks from reefs/ Metamorphic rocks/ Rock cycle
Weeks 28-31	Mapping Earth's Surface: Topography and landforms/ Maps and globes
Weeks 32-35	Weathering and Soil Formation: Rocks and weathering/ Soil types/ Soil conservation
Weeks 36-38	Erosion and Deposition: Erosion by rivers/ Movement of water/ Glaciers/ Erosion by waves/ Wind deposition

Weeks 39-40	Natural Resources: Define natural resources. distinguish between different types of natural resources. create a personal inventory of consumption of natural resources.
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Social Studies

Week 1-7	Early Humans: Strategies and uses of archaeology/how it can be used to trace the evolution and accomplishments of the hominids and early human ancestors.
Weeks 8-14	Mesopotamia: Birth of civilization in Mesopotamia/ how, why, and where the civilization developed/ the accomplishments of the Mesopotamian empires, including Hammurabi's Code of Laws.
Weeks 15-22	Egypt: How geography affected settlement and daily life in ancient Egypt/ The role of government and religion in daily life in ancient Egypt/ The achievements and legacy of the ancient Egyptian society in the world today.
Weeks 23-25	Judaism: The origins of Judaism/ its core beliefs and its impact on the world
Weeks 26-28	India, Hinduism and Buddhism: The history of the Indus River Valley civilizations/ the religions that developed in this region/ the impact these had on the world.
Weeks 29-35	Greece: The ancient Greek civilization/ the many accomplishments of the civilization: including its religion, developments in math and science, philosophy, and the development of democracy.
Weeks 36-40	Rome: The ancient Roman civilization and its growth into an empire/ Focus on military tactics, as well as artistic and political developments.

Spanish

Week 1-7	Mucho gusto: Spanish review/ Numbers/ Infinitive Verbs (ar, er, ir endings)/ Days of the Week/ Months of the Year/ Weather/ Seasons
Weeks 8-17	Tiempo con amigos: Day of the Dead/ Pronouns (Ser/Estar)/ Pronouns (Ser/Estar)/ Adjectives/ Body Parts/ Clothing
Weeks 18-23	Mi Deulce Familia: Verbs (Tu/Usted)/ Emotions/ Home/ Family
Weeks 24-29	Me Gusta La Comida: Verbs/ Food/ Restaurant etiquette
Weeks 30-34	Vamos A Viajar: Countries and Capitals/ verbs/ culture
Weeks 35-40	Vamos A Activarnos: verbs/ health and fitness/ sports/ Get Active!

Health

Week 1-4	Adjusting to Middle School: Organization, Study habit, communication
Weeks 5-6	Personal Health:Community building, communication skills

Weeks 7-10	Personal Health:Identity/ Social Emotional Development, Coping Skills
Weeks 11-13	Personal Health: Building and Continuing Healthy Family and Social Relationships
Weeks 14-17	Personal Health: Reproductive Health, Making Good Choices, Injury prevention and safety
Weeks 18-23	Nutrition: Healthy body and body image, BMI, nutrition, substance use and abuse, prevention and control of diseases
Weeks 24-26	Internet Safety: Monitoring, Cyber-bullying, Security
Weeks 27-32	Social Justice: Human rights, growth and change
Weeks 33-37	Civic Responsibility:Community, Environmental, and Consumer Health
Weeks 38-40	Review and Reflection