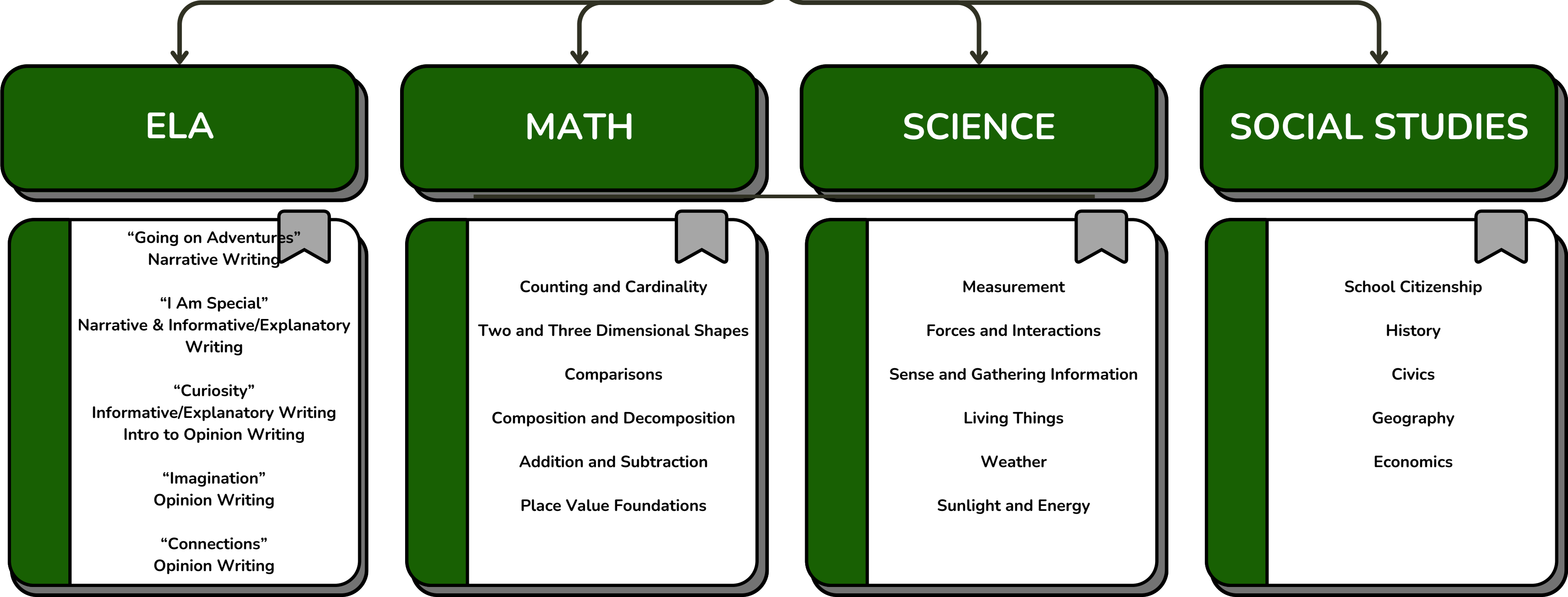


Green Township School District



**KINDERGARTEN**  
Units of Study



Green Township School District



First Grade  
Units of Study

ELA

“Discovery”  
Narrative Writing

“Identity”  
Narrative Writing

“Choices”  
Opinion Writing

“Community”  
Informative/Explanatory Writing

“Connections”  
Opinion Writing

“Possibilities”  
Narrative Writing

MATH

Sums and Differences up to 10

Intro to Place Value through  
Addition and Subtraction within 20

Ordering and Comparing Length  
Measurements as Numbers

Place Value Comparison  
Addition and Subtraction to 40

Identifying, Composing and  
Partitioning Shapes

Place Value Comparison  
Addition and Subtraction to 100

SCIENCE

Measurement

Light and Sounds

Parents and Heredity

Biomimicry

Earth’s Patterns

SOCIAL STUDIES

Civics

Economics

Geography

History

Green Township School District



Second Grade  
Units of Study

ELA

“Imagination”  
Narrative Writing

“Discovery”  
Informative/Explanatory  
Writing

“Ideas”  
Opinion Writing

“Connections”  
Informative/Explanatory Writing

“Independence”  
Opinion Writing

MATH

Place Value Concepts through Metric  
Measurement and Data

Place Value, Counting, and Comparing  
Within 1,000

Addition and Subtraction Within 200

Shapes and Time with Fraction  
Concepts

Addition and Subtraction Within 1,000

Money, Data, and Customary  
Measurement

Multiplication and Division Foundations

SCIENCE

Measurement

Matter and Materials

Ecosystems

Fast and Slow Changes & Earth’s  
Structure

SOCIAL STUDIES

Civics

Economics

Geography

History

Green Township School District



Third Grade  
Units of Study

ELA

MATH

SCIENCE

SOCIAL STUDIES

Reading: Literature  
Writing: Narrative

*Reading: Informational*  
*Writing: Informational*

*Reading: Literature and Informational*  
*Writing: Opinion*

Multiplication and Division with Units of  
2, 3, 4, 5, and 10

Place Value Concepts Through Metric  
Measurement

Multiplication and Division with Units of  
0, 1, 6, 7, 8, and 9

Multiplication and Area

Fractions as Numbers

Geometry, Measurement, and Data

Forces and interactions

Life Cycles and Traits

Weather and Climate

Government

Civil Rights

Economic Goods

History

Green Township School District



Fourth Grade  
Units of Study

ELA

Literature/Writing: Narrative

Reading: Informational  
Writing: Informational

Reading: Literature and Informational  
Writing: Argumentative/Literary  
Analysis

MATH

Place Value Concepts for Addition and  
Subtraction

Place Value Concepts for Multiplication  
and Division

Multiplication and Division of Multi-  
Digit Numbers

Foundations for Fraction Operations

Place Value Concepts for Decimal  
Fractions

Angle Measurements and Plane Figures

SCIENCE

Energy

Structure and Function

Earth's Surface Processes

Waves

SOCIAL STUDIES

Civics: Immigration

Geography: Regions

New Jersey

Green Township School District



Fifth Grade  
Units of Study

ELA

MATH

SCIENCE

SOCIAL STUDIES

Literature/Writing: Narrative

Reading: Informational  
Writing: Informational

Reading: Literature and Informational  
Writing: Argumentative/Literary  
Analysis

Place Value Concepts for Multiplication  
and Division with Whole Numbers

Place Value Concepts for Decimal  
Operations

Addition and Subtraction with Fractions

Multiplication and Division with  
Fractions

Addition and Multiplication with Area  
and Volume

Foundations to Geometry in the  
Coordinate Plane

Matter and Its Interactions- Physical  
Properties and Measurement

Matter and its Interactions:  
Classification of Matter- Atoms,  
Compounds, and Mixtures

Space- Exploring Space

Space- Sun, Earth, Moon System

Space- Solar System

Space- Stars and Galaxies

Earth's Water

Colonies

The Constitution

Government

Evolution of American Economy

# Green Township School District



## Sixth Grade Units of Study

### ELA

- Identity  
Writing Genre: Narrative
- Determination  
Writing Genre: Informational
- Possibilities  
Writing Genre: Informational
- Courage  
Writing Genre: Argument
- A Good Life  
Writing Genre: Argument
- Confidence Building  
Writing Genre: ALL
- Nature  
Writing Genre: Argument

### MATH

- Ratios, Rates, and Percents
- Operations with Fractions and Multi-Digit Numbers
- Rational Numbers
- Expressions and One-Step Equations
- Area, Surface Area, and Volume
- Statistics

### SCIENCE

- Ecology: Matter and Energy and the Environment
- Ecology: Interaction of Organisms in an Ecosystem
- Ecology: Ecosystems and Biomes
- Waves and their Applications
- Electrical Energy
- Magnetic Forces
- Geology: Plate Tectonics
- Geology: Earth Dynamics
- Earthquakes and Volcanoes

### SOCIAL STUDIES

- The Beginnings of Human Society
- Early River/Agrarian Civilizations (4000-1000 BCE)
- The Classic Civilizations of the Mediterranean World, India and China (1000 BCE - 400 CE)
- Expanding Exchanges and Encounters (500 CE- 1450 CE)



Green Township School District



Seventh Grade  
Units of Study

ELA

- Identity  
Writing Genre: Narrative
- Determination  
Writing Genre: Informational
- Possibilities  
Writing Genre: Informational
- Courage  
Writing Genre: Argument
- A Good Life  
Writing Genre: Argument
- Confidence Building  
Writing Genre: ALL
- Nature  
Writing Genre: Argument

MATH

- Ratios and Proportional Relationships*
- Rational Numbers*
- Expressions & Equations*
- Percent and Proportional Relationships*
- Statistics & Probability*
- Geometry*
- Integer Exponents and Intro to Functions*

SCIENCE

- Classifying and Exploring Life
- Cells: Structure and Function
- From a Cell to an Organism
- Reproduction of Organisms and Genetics
- Animal Diversity
- Animal Structure and Function
- Bacteria and Viruses
- Protists and Fungi
- Plant Diversity

SOCIAL STUDIES

- Colonization and Its Impact
- Revolution and the New Nation  
(1754-1820s)
- Expansion and Reform (1801-1861)
- Civil War and Reconstruction  
(1850-1877)



Green Township School District



Eighth Grade  
Units of Study

ELA

- Progress  
Writing Genre: Narrative
- Conflict  
Writing Genre: Informational
- Heroes  
Writing Genre: Argumentative
- Diversity  
Writing Genre: Argumentative
- Testing Yourself  
Writing Genre: Narrative
- Truth and Consequences  
Writing Genre: Narrative

MATH

- Integer Exponents & Scientific Notation
- The Concept of Congruence
- Similarity & the Pythagorean Theorem
- Linear Equations & *Real Numbers*
- Examples of Functions in Geometry*
- Linear Functions*
- Irrational Numbers & Geometry*

SCIENCE

- Motion and Forces: Density and Motion
- Motion and Forces: Newton's Laws
- Motion and Forces: Work and Simple Machines
- Motion and Forces: Force and Fluids
- Energy and Thermal Energy
- Foundations of Chemistry
- Elements and Chemical Bonds
- Atmosphere
- Weather

SOCIAL STUDIES

- Foundations of Democracy
- Constitution
- Civic Engagement

# Green Township School District



## Honors Algebra

### Seeing Structure in Expressions

Interpret the structure of expressions  
Write expressions in equivalent forms to solve problems

### Arithmetic with Polynomials and Rational Functions

Perform arithmetic operations on polynomials  
Understand the relationship between zeros and factors of polynomials  
Use polynomial identities to solve problems  
Rewrite rational expressions

### Creating Equations

Create equations that describe numbers or relationships

### Reasoning with Equations and Inequalities

Understand solving equations as a process of reasoning and explain the reasoning  
Solve equations and inequalities in one variable  
Solve systems of equations  
Represent and solve equations and inequalities graphically