

GATE Elementary Curriculum Guide



Updated 7/31/2024

The purpose of this Curriculum Guide is to provide current families with resources and information that we utilize here within GATE classrooms.

Click on these links to navigate to:

[Elementary \(2-5\) Handbook and Code of Conduct](#)

Our Mission:

We are dedicated to ensuring our educational experiences fit the needs of each student, offering ability-based and mixed age academic groupings, and providing support for the social and emotional needs of our student population.

Our Vision:

Grow our hearts...

Grow our minds...

Grow our future!

District & State Assessments:

GATE students take the following assessments each year:

	Fall	Winter	Spring
NWEA Math & Reading	✓		✓
M-Step			✓

Classroom Assessments:

Teachers use both formative (short, to inform teaching and learning) and summative (cumulative, final) assessments in the classroom in each content area.

English Language Arts

Standards: [Common Core Standards](#)

Primary Resource: [Wit & Wisdom](#)

Student Access: [Log in to Clever](#). Students can have access to all units. Student user: @Avondaleschools.org email address Password: Student ID #

Secondary Resource: [Newsela](#)

[Khan Academy](#), [IXL](#) (IXL can be also accessed through Clever)

Learning Progression:

GATE Grade Level	Wit & Wisdom Grade Level Units
2nd	2nd Grade Units 1-3, 3rd Grade Units 1, 2 Or 3rd Grade Units 1-4
3rd	3rd Grade Units 3-4, 4th Grade Units 1-4 Or 4th Grade Units 1-4
4th	5th Grade Level Units
5th	6th Grade Level Units

Grade Level Unit Guides for ELA:

[2nd Grade Units](#)

[3rd Grade Units](#)

[4th Grade Units](#)

[5th Grade Units](#)

[6th Grade Units](#)

Mathematics

Standards: [Common Core Standards](#)

Primary Resource: [Big Ideas Textbook Access](#) (Modeling Real Life) & [Extra Resources](#)

Secondary Resource: Exemplars

Additional Resources:

[IXL](#) (Can also be accessed through Clever)

Learning Progression:

*Students are given pre assessments at the start of each school year. Combined with our NWEA results and the previous year’s data, teachers place students into the “best fit” math level for them.

2nd Grade Math	3rd Grade Math	4th Grade Math
<ul style="list-style-type: none"> Numbers and Arrays Fluency and Strategies within 20 Addition to 100 Strategies Fluently Add within 100 Subtraction to 100 Strategies Fluently Subtract within 100 Understand Place Value to 1,000 Count and Compare Numbers to 1,000 Add Numbers within 1,000 : Subtract Numbers within 1,000 : Measure and Estimate Lengths : Solve Length Problems : Represent and Interpret Data : Money and Time : Identify and Partition Shapes 	<ul style="list-style-type: none"> Understand Multiplication and Division Multiplication Facts and Strategies More Multiplication Facts and Strategies Division Facts and Strategies Patterns and Fluency Relate Area to Multiplication Round and Estimate Numbers Add and Subtract Multi-Digit Numbers Multiples and Problem Solving : Understand Fractions : Understand Fraction Equivalence : Understand Time, Liquid Volume : Classify Two-Dimensional Shapes : Represent and Interpret Data : Find Perimeter and Area 	<ul style="list-style-type: none"> Place Value Concepts Add and Subtract Multi-Digit Numbers Multiply by One-Digit Numbers Multiply by Two-Digit Numbers Divide Multi-Digit Numbers by One-Digit Numbers Factors, Multiples, and Patterns Understand Fraction Equivalence Add and Subtract Fractions Multiply Whole Numbers and Fractions : Relate Fractions and Decimals 1: Understand Measurement Equivalence 2: Use Perimeter and Area Formulas 3: Identify and Draw Lines and Angles 4: Identify Symmetry and Two-Dimensional Shapes

5th Grade Math	6th Advanced	7th Advanced
<ul style="list-style-type: none"> Place Value Concepts Numerical Expressions Add and Subtract Decimals Multiply Whole Numbers Multiply Decimals Divide Whole Numbers Divide Decimals Add and Subtract Fractions Multiply Fractions 0: Divide Fractions 1: Convert and Display Units of Measurement 2: Patterns in the Coordinate Plane 3: Understand Volume 4: Classify Two-Dimensional Shapes 	<ul style="list-style-type: none"> Numerical Expressions and Factors Fractions and Decimals Ratios and Rates Percents Algebraic Expressions and Properties Equations Area, Surface Area, and Volume Integers, Number Lines, and the Coordinate Plane Statistical Measures 0: Data Displays : Adding and Subtracting Rational Numbers : Multiplying and Dividing Rational Numbers : Expressions : Ratios and Proportions : Percents 	<ul style="list-style-type: none"> Equations Transformations Angles and Triangles Graphing and Writing Linear Equations Systems of Linear Equations Data Analysis and Displays Functions Exponents and Scientific Notation Real Numbers and the Pythagorean Theorem : Volume and Similar Solids Equations and Inequalities Probability Statistics Geometric Shapes and Angles Surface Area and Volume

Science

Standards: [Next Generation Science Standards \(NGSS\)](#)

Primary Resource: [FOSS](#) *Students may take the science text home each night to help study

Secondary Resource: [Newsela Science](#)

Additional Free Online Resources:

[Climate Kids](#) [National Geographic Kids](#) [Nova](#) [Smithsonian](#)

Learning Progression:

*GATE students rotate learning about science and social studies in an on/off cycle.

FOSS Pathways PreK-5 Scope & Sequence

GRADE	PHYSICAL SCIENCE	EARTH SCIENCE	LIFE SCIENCE
Pre-K	Observing Nature		
K	Materials & Forces	Trees & Weather	Animals Two by Two
1	Sound & Light	Changes in the Sky	Plants & Animals
2	Solids & Liquids	Water and Landforms	Insects & Plants
3	<u>Motion</u>	<u>Water & Climate</u>	<u>Structures of Life</u>
4	<u>Energy</u>	<u>Soils, Rocks, and Landforms</u>	<u>Senses and Survival</u>
5	<u>Mixtures & Solutions</u>	<u>Earth & Sun</u>	<u>Living Systems</u>

Social Studies

Standards: [Michigan Social Studies Standards](#)

Primary Resource: (OS [Atlas](#)) 2nd Units in Development

Secondary Resource: [Newsela Social Studies](#) *Students have online access through their Clever account

Additional Resource - [Open Source Textbooks](#)

Unit:

*GATE students rotate learning about science and social studies in an on/off cycle.

Unit	2nd Grade	3rd Grade	4th Grade	5th Grade
1	What is a community?	Michigan's geography	Democratic Values	Different people's perspectives shape their view of the world
2	Where is my community?	Michigan's history	Underground Railroad	Impact of colonization in North America
3	How do citizens live?	Michigan's economy	Automotive Industry and Labor Movement	Different people's perspectives shape their ideas about farming, working, trade, slavery, and government
4	How do citizens work together in a community?	Protect Michigan	Water in Michigan	The years before the American Revolution
5	How do communities change?			The American Revolution
6	How can a citizen affect a community?			Creating a successful country

Special Area Classes

Class	Standards	Curriculum
STEAM Lab	Next Generation Science Standards (NGSS)	Project Lead the Way Teacher-Created
Physical Education	Michigan PE Standards	SHAPE
Art	National Art Standards	Art of Education (FLEX Pro) & Deep Space Sparkle
Music	Music Standards	

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