GATE Elementary Curriculum Guide

AVONDALE
GATE MAGNET SCHOOL

Updated 9/2025

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

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	✔		✔
IXL Benchmark (ELA and Math)	✔	✔	✔
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
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 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	Understand Multiplication and Di Multiplication Facts and Strategie More Multiplication Facts and Str Division Facts and Strategies Patterns and Fluency Relate Area to Multiplication Round and Estimate Numbers Add and Subtract Multi-Digit Nur Multiples and Problem Solving : Understand Fractions : Understand Fraction Equivalence : Understand Time, Liquid Volume : Classify Two-Dimensional Shape : Represent and Interpret Data : Find Perimeter and Area	Place Value Concepts Add and Subtract Multi-Digit Nu Multiply by One-Digit Numbers Multiply by Two-Digit Numbers Divide Multi-Digit Numbers by (Factors, Multiples, and Patterns Understand Fraction Equivalence Add and Subtract Fractions Multiply Whole Numbers and Fra): Relate Fractions and Decimals 1: Understand Measurement Equiv 2: Use Perimeter and Area Formula 3: Identify and Draw Lines and An 4: Identify Symmetry and Two-Dir

5th Grade Math	6th Advanced	7th Advanced
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 M 2: Patterns in the Coordinate Plane 3: Understand Volume 4: Classify Two-Dimensional Shap	Numerical Expressions and Facto Fractions and Decimals Ratios and Rates Percents Algebraic Expressions and proper Equations Area, Surface Area, and Volume Integers, Number Lines, and the (Statistical Measures): Data Displays : Adding and Subtracting Rational : Multiplying and Dividing Ration : Expressions : Ratios and Proportions : Percents	Equations Transformations Angles and Triangles Graphing and Writing Linear Equ Systems of Linear Equations Data Analysis and Displays Functions Exponents and Scientific Notation Real Numbers and the Pythagorea : 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	Motion	Water & Climate	Structures of Life
4	Energy	Soils, Rocks, and Landforms	Senses and Survival
5	Mixtures & Solutions	Earth & Sun	Living Systems

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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