

Hamilton Heights School Corporation FAP Math Curriculum Map

Course Title: Math - FAP	Quarter 1	Academic Year: 2024-2025
--------------------------	-----------	--------------------------

Essential Questions: - Can you explain and identify the place value of a number? - Can you use place value to compare numbers? - Can you use place value to round and estimate numbers? - Can you perform basic math operations such as: addition, subtraction, multiplication, and division? - Can you use a calculator correctly? - Can you solve real world math problems?						
Unit Name	Total Days	Standards Number	Knowledge Objectives	Skills Objectives	Specific Assessments	Specific Resources
Number Sense - Number Structure	20	IN state standards (2nd-6th grade) *based on student needs	- Counting - Skip Counting - Place Value - Decimals	- Count Objects - Skip count by 2, 5, 10 - Understand and identify number place value - Writing numbers in multiple forms - Understand and write decimals	Teacher created assessments (pre/post) Exit Tickets IXL Quizzes	IXL Zearn Math Notebooks Drops in the Bucket EdPuzzle Quizizz Task Cards/Stations
Number Sense - Analyzing	20	IN state standards	Comparing Numbers	Understand number lines - positive and	Teacher created assessments (pre/post)	IXL Zearn

Numbers		(2nd-6th grade) *based on student needs	2. Rounding Numbers 3. Estimating Numbers 4. Fractions 5. Percents	negative numbers • Understand even and odd numbers • Understand how to compare numbers - greater/less/equal	Exit Tickets IXL Quizzes	Math Notebooks Drops in the Bucket EdPuzzle Quizizz Task Cards/Stations
Computation & Algebraic Thinking	Ongoing All Year	IN state standards (2nd-6th grade) *based on student needs	1. How to use a calculator/checking answers 2. Adding & Subtracting 3. Multiplying & Dividing 4. How to read word problems (locating clue words).	• Understand how to use a calculator to complete computation problems	Bell Work Quizzes	IXL Skill Plans Zearn Math Notebooks Drops in the Bucket Word Problem of the Week (skills will be reviewed through bellwork in individualized plans)

Course Title: Math - FAP	Quarter 2:	
--------------------------	------------	--

Essential Questions: 1. Can you identify and accurately count coins and bills? 2. Can you use money accurately in real world situations? 3. Can you tell time using a digital and analog clock? 4. Can you accurately read a schedule and estimate intervals of time? 5. Can you use different units to accurately measure length using the appropriate tools?
--

6. Can you use different units to accurately measure volume using the appropriate tools?
7. Can you perform basic math operations such as: addition, subtraction, multiplication, and division?
8. Can you use a calculator correctly?
9. Can you solve real world math problems?

Unit Name	Total Days	Standards Number	Knowledge Objectives	Skills Objectives	Specific Assessments	Specific Resources
Measurement - Money	10	IN state standards (2nd-6th grade) *based on student needs	1. Understand money.	- Understand values of coins and bills - Understand how much money is needed in situations - Understand how to calculate totals and change - Understand how to make a budget for meals and shopping	Teacher created assessments (pre/post) Exit Tickets IXL Quizzes	IXL Zearn Math Notebooks Drops in the Bucket EdPuzzle Quizizz Task Cards/Stations
Measurement- Time	10	IN state standards (2nd-6th grade) *based on student needs	1. Understand time.	- Time on digital and analog clocks - How much time to do activity - How much time left	Teacher created assessments (pre/post) Exit Tickets IXL Quizzes	IXL Zearn Math Notebooks Drops in the Bucket EdPuzzle Quizizz Task Cards/Stations

Measurement - Length	15	IN state standards (2nd-6th grade) *based on student needs	1. Understand units that measure length and distance 2. How to use measurement tools 3. Understand area & perimeter 4. Use formulas to calculate area and perimeter	• Use non standard measurement systems • Use standard measurement systems • Use manipulatives to find area and perimeter • Use formulas to find area and perimeter • Find area and perimeter of triangles, squares, and rectangles	Teacher created assessments (pre/post) Exit Tickets IXL Quizzes	IXL Zearn Math Notebooks Drops in the Bucket EdPuzzle Quizizz Task Cards/Stations
Measurement - Volume	10	IN state standards (2nd-6th grade) *based on student needs	1. Understand volume. 2. Use tools to measure volume	• Use manipulatives to find volume • Use formulas to find volume • Find volume of cubes, prisms, pyramids, and spheres	Teacher created assessments (pre/post) Exit Tickets IXL Quizzes	IXL Zearn Math Notebooks Drops in the Bucket EdPuzzle Quizizz Task Cards/Stations
Computation & Algebraic Thinking	Ongoing All Year	IN state standards (2nd-6th	5. How to use a calculator/checking answers	• Understand how to use a calculator to complete	Bell Work Quizzes	IXL Skill Plans Zearn Math Notebooks

		grade) *based on student needs	6. Adding & Subtracting 7. Multiplying & Dividing 8. How to read word problems (locating clue words).	computation problems		Drops in the Bucket Word Problem of the Week (skills will be reviewed through bellwork in individualized plans)
--	--	---------------------------------------	---	----------------------	--	---

Course Title: Math - FAP	Quarter 3:	
--------------------------	------------	--

Essential Questions: - Can you identify and read different graphs and charts? - Can you accurately use a number line? - Can you find different measurements for a set of data? - Can you use a coordinate plane in relation to a map? - Can you perform basic math operations such as: addition, subtraction, multiplication, and division? - Can you use a calculator correctly? - Can you solve real world math problems?						
Unit Name	Total Days	Standards Number	Knowledge Objectives	Skills Objectives	Specific Assessments	Specific Resources
Data Analysis	30	IN state standards (2nd-6th grade)	- Understand Graphs & Charts - Understand Mean, Median, Mode and	- Read and interpret graphs - Read and interpret charts	Teacher created assessments (pre/post) Exit Tickets	IXL Zearn Math Notebooks Drops in the Bucket

		*based on student needs	Range 3. Understand Line Plots 4. Understand coordinate plans	- Find mean, median, mode, and range of data sets - Use coordinate planes as maps	IXL Quizzes	EdPuzzle Quizizz Task Cards/Stations
Computation & Algebraic Thinking	Ongoing All Year	IN state standards (2nd-6th grade) *based on student needs	9. How to use a calculator/checking answers 10. Adding & Subtracting 11. Multiplying & Dividing 12. How to read word problems (locating clue words).	Understand how to use a calculator to complete computation problems	Teacher created assessments (pre/post) Exit Tickets IXL Quizzes	IXL Skill Plans Zearn Math Notebooks Drops in the Bucket Word Problem of the Week (skills will be reviewed through bellwork in individualized plans)

Course Title: Math - FAP	Quarter 4:	
--------------------------	------------	--

Essential Questions: - Can you identify different 2D and 3D shapes? - Can you identify what an angle is and compare them? - Can you identify and compare different triangles? - Can you identify and compare line and line segments? - Can you perform basic math operations such as: addition, subtraction, multiplication, and division? - Can you use a calculator correctly?
--

7. Can you solve real world math problems?

Unit Name	Total Days	Standards Number	Knowledge Objectives	Skills Objectives	Specific Assessments	Specific Resources
Geometry	30	IN state standards (2nd-6th grade) *based on student needs	- Understand 2D/3D shapes - Understand angles - Understand triangles - Understand lines	- Identify and name 2D and 3D shapes - Identify, name, and classify angles - Identify, name, and classify triangles - Identify and name lines	Teacher created assessments (pre/post) Exit Tickets IXL Quizzes	IXL Zearn Math Notebooks Drops in the Bucket EdPuzzle Quizizz Task Cards/Stations
Computation & Algebraic Thinking	Ongoing All Year	IN state standards (2nd-6th grade) *based on student needs	- How to use a calculator/checking answers - Adding & Subtracting - Multiplying & Dividing - How to read word problems (locating clue words).	Understand how to use a calculator to complete computation problems	Bell Work Quizzes	IXL Skill Plans Zearn Math Notebooks Drops in the Bucket Word Problem of the Week (skills will be reviewed through bellwork in individualized plans)