



**Course Title:** Integrated Mathematics

**Content Area:** Mathematics

**Grade Level:** 9

## Scope and Sequence

Grade Level: 9-12			Content Area: Math			
Unit or Topic	Standards	Length of Time	Key Content	Assessment Tools	Scaffolding Strategies (Interventions, Special Education)	Resources & Materials
Integers	CC.2.1.6.E.3	2.5 weeks	-Add, subtract, multiply and divide integers.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Equations	CC.2.2HS.D.6 CC.2.1.7.E.1 CC.2.1.6.E.1 CC.2.1.5.B.2	2.5 weeks	-Solving one and two-step equations. Coefficients may involve decimals or fractions.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Combining Like Terms and Distributive Property	CC.2.2.6.B.1 CC.2.2.HS.D.2	2.5 weeks	-Simplifying Expressions by combining like terms. -Simplify expressions by use of Distributive Property.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Solving Multi-Step Equations	CC.2.2HS.D.6 CC.2.1.7.E.1 CC.2.1.6.E.1	3 weeks	-Solving multi-step equations that involve combining like terms and distributive property.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.



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Pythagorean Theorem	C.C.2.1.HS.F.1 CC.2.3.8.A.3	1.5 weeks	-Solve for the missing side of a right triangle. -Solve for Side 'c' -Solve for side 'a' or 'b'	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Consumer Math	CC.2.1.5.B.2	2 weeks	-Finding sales tax, discount/sale price, commission, how to tip in restaurant and find final bill. -Convert % to decimal.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Equations with Variables on Both Sides	CC.2.2.HS.D.7 CC.2.1.7.E.1 CC.2.1.6.E.1	2 weeks	-Solving equations by moving variables. Equations may also include combining like terms and dist. property.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Inequalities	CC.2.2.HS.D.6 CC.2.2.HS.D.7 CC.2.2.HS.D.10	2.5 weeks	-Solve and graph inequalities. -Use of number line for graphing.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Coordinate Plane	CC.2.3.5.A.1	2 weeks	-Understanding quadrants -Plotting Points -Know the Origin -Graphing and solving equations with two variables.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.



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Slope	CC.2.2.8.C.1	3 weeks	-Find slope using slope triangle. -Find slope using ordered pairs. -Identify types of slope.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Slope-Intercept	CC.2.2.5.A.1 CC.2.2.HS.C.2 CC.2.2.HS.C.6	3.5 weeks	-Graph a line based on an equation. -Convert equations to standard form. -Write an equation based on a line. -Find the slope and y-intercept from an ordered pair.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Permutations and Combinations	CC.2.1.7.E.1 CC.2.1.HS.F.6	2 weeks	-Learn factorials -Differentiate between permutations and combinations.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Slope as Rate of Change	CC.2.2.HS.D.4 CC.2.2.HS.C.2 CC.2.2.HS.C.6	3 weeks	-Learn rate of change. -Sketch a graph based on an equation. -Calculate slope from a table.	Teacher created assessments	Students are allowed to make test corrections. Assessments will be modified in line with IEP's. Calculators.	All content is gathered from various online or hard-copy courses. Posted in Google Classroom.
Percent of a Number	CC.2.1.7.D.1	1 week	-Finding percent -Finding "is" or "of" -Proportions	Teacher created assessments	Students are allowed to make test corrections. Assessments will be	All content is gathered from various online or hard-copy courses.



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