Reveal MATH

McGraw Hill AR Correlations to Reveal Math

McGraw Hill AR can be used in direct support of lessons noted below. However, please see the Content Progression Chart for an exploration of how to use the app for other grade levels with modifications.

McGraw Hill AR Activity	Reveal Math Lesson
Equivalent Fractions	**G4** Unit 8: Fraction Equivalence, Lesson 1: Equivalent Fractions
Coordinate Plane	**G5** Unit 13: Geometry, Lesson 3: Rep. Problems on a Coordinate Plane
Ratios	**G6** Module 1: Ratios and Rates Lesson 2: Tables of Equivalent Ratios
LCM	**G6** Module 5: Numerical & Algebraic Exp. Lesson 5: Factors & Multiples
Solve Equations	**G7** Module 6: Write and Solve Equations Lesson 1: Write and Solve One-Step Equations **Alg 1** Module 2: Equations in One Variable Lesson 2: Solving One-Step Equations
Slope	**G8** Module 4: Linear Relationships and Slope, Lesson 2: Slope of a Line **G8** Module 4: Linear Relationships and Slope, Lesson 3: Similar Triangles and Slope **Alg 1** Module 4: Linear and Nonlinear Functions, Lesson 2: Rate of Change and Slope
Pythagorean Theorem in 3D	**G8** Module 7: Triangles and the Pythagorean Theorem, Lesson 3: The Pythagorean Theorem
Reflections	**G8** Module 8: Transformations, Lesson 2: Reflections **Geom** Module 2: Angles and Geometric Figures, Lesson 4: Transformations in the Plane **Geom** Module 4: Transformations and Symmetry, Lesson 1: Reflections
Growth Functions	**Alg 1** Module 9: Exponential Functions, Lesson 1: Exponential Functions **Alg 2** Module 7: Exponential Functions, Lesson 5: Modeling Data
Nets	**Geom** Module 2: Angles and Geometric Figures, Lesson 6: 2-D Representations of 3-D Figures
Parallel & Skew Lines	**Geom** Module 3: Logical Arguments & Line Relationships, Lesson 7: Parallel Lines & Transversals
Cross Sections	**Geom** Module 11: Measurement, Lesson 5: Cross Sections and Solids of Revolution
Rotations	**Geom** Module 11: Measurement, Lesson 5: Cross Sections and Solids of Revolution
Graph Theory	Not covered in Reveal Math, but could be covered in **Algebra 2**
Quadratic Functions	**Alg 2** Module 3: Quadratic Functions, Lesson 1: Graphing Quadratic Functions

McGraw Hill AR Content Progressions Across Reveal Math

Instructions altered for lower grade bands

Original instructions can be used for these grade bands

These grade bands may be too advanced for this activity

The activity may be too advanced for these grade bands

McGraw Hill AR Activity	Description	Reveal Math K-2	Reveal Math 3-5	Reveal Math 6-8	Reveal Algebra	Reveal Geom.	Reveal Alg. 2
Equivalent Fracrions	Identify equivalent fractions.	**Modification:** Go on a treasure hunt for shapes.	√	√	√	√	√
Coordinate Plane	Travel from one point to another on the coordinate plane.	**Modification:** Help the dog find his bone.	√	√	√	√	√
Ratios	Understand and use ratios.	**Modification:** Use recipes to make different foods.	**Modification:** Use recipes to make different foods.	√	√	√	√
LCM	Find the LCM of a set of numbers.	**Modification:** Get the cars to complete their laps at the same time.	**Modification:** Get the cars to complete their laps at the same time.	√	√	√	√
Solve Equations	Solve one-step equations.	**Modification:** Can you make the balance level?	**Modification:** Can you make the balance level?	√	√	√	√
Slope	Find the slope of a line.	**Modification:** Help the skateboarder land successfully.	**Modification:** Help the skateboarder land successfully.	√	√	√	√
Pythagorean Theorem in 3D	Use the Pythagorean Theorem with three-dimensional figures.			√	√	√	√
Reflections	Apply reflections to two-dimensional figures in the coordinate plane.	**Modification:** Can you create the picture?	**Modification:** Can you create the picture?	√	√	√	√
Growth Functions	Determine the best model to represent a sequence.	**Modification:** Predict how many bunnies will come out of the hat.	**Modification:** Predict how many bunnies will come out of the hat.	**Modification:** Predict how many bunnies will come out of the hat.	√	√	√
Nets	Identify nets of three-dimensional shapes.	**Modification:** Open (or unfold) 3D objects.	**Modification:** Open (or unfold) 3D objects.	√	√	√	√
Parallel and Skew Lines	Identify parallel, perpendicular, and skew lines in three-dimensional figures.	**Modification:** Explore the edges of 3D objects.	**Modification:** Explore the edges of 3D objects.	√	√	√	√
Cross Sections	Identify cross sections.	**Modification:** Slice objects to create shapes.	**Modification:** Slice objects to create shapes.	√	√	√	√
Rotations	Identify shapes formed by rotations.	**Modification:** Rotate shapes to form objects.	**Modification:** Rotate shapes to form objects.	√	√	√	√
Graph Theory	Identify and find Euler Paths.	**Modification:** Can you create the correct path?	**Modification:** Can you create the correct path?	√	√	√	√
Quadratic Functions	Identify the maximum of a quadratic function.			√	√	√	√