McGraw Hill AR Content Progressions Across 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	Math K-2	Math 3-5	Math 6-8	Algebra	Geom.	Alg. 2
Equivalent Fractions	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.			√	√	√	√