

MCGRAW HILL AR CONTENT PROGRESSIONS FOR MATH ACTIVITIES

Instructions altered for
lower grade bandsOriginal instructions can be
used for these grade bandsThese grade bands may be
too advanced for this activityThe activity may be too
advanced for these grade bands

ACTIVITY	DESCRIPTION	MATH K-2	MATH 3-5	MATH 6-8	ALG	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.				
Add/Sub Fractions	IN DEVELOPMENT						
Division w/Remainders	IN DEVELOPMENT						
LCM	Find the LCM of a set of numbers.	Modification: Get cars to complete their laps at the same time.	Modification: Get 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?				
Nets	Identify nets of three-dimensional shapes.	Modification: Open (or unfold) 3D objects.	Modification: Open (or unfold) 3D objects.				
Slope	Find the slope of a line.	Modification: Help the skateboarder land successfully.	Modification: Help the skateboarder land successfully.				
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.			

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ACTIVITY	DESCRIPTION	MATH K-2	MATH 3-5	MATH 6-8	ALG	GEOM	ALG 2
Reflections	Apply reflections to two-dimensional figures in the coordinate plane.	Modification: Can you create the picture?	Modification: Can you create the picture?				
Pythagorean Theorem in 3D	Use the Pythagorean Theorem with three-dimensional figures.						
Parallel and Skew Lines	Identify parallel, perpendicular, and skew lines in 3-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.				
Quadratic Functions	Identify the maximum of a quadratic function.						
Graph Theory	Identify and find Euler Paths.	Modification: Can you create the correct path?	Modification: Can you create the correct path?				
Game Theory	Adjust your product price based on decisions of your competitors and other factors.						