

Grade 1 Sample Weekly Plans – Geometric Relationships

Teaching Geometric Relationships: Week 1

3-PART LESSON	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1. Activating	What Was Here? Intro TG p. 4-5	Faces of Solids Activity Card 11: "Before"	Making Designs Activity Card 12: "Before"	Covering Outlines Activity Card 13: "Before"	Workstations/Guided Math Teacher works with one group at a time using Shapes and Solids Problems What Was Here? TG p. 29; LM 10 Other groups work on one of the four practice activities from earlier in the week or the online Tangram shapes activity for What Was Here? (see QR code on back of Little Book)
2. Constructing Knowledge	Read aloud: What Was Here? (Find and describe; explore and classify shapes and solids)	Activity Card 1: "What to Do" Using solids to build and describe towers	Activity Card 12: "What to Do" Making and describing designs with Pattern Blocks	Activity Card 13: "What to Do" Filling in Pattern Block designs	
3. Consolidating	Represent the story using the math mat TG p. 21	Activity Card 28: Consolidation and Highlights	Activity Card 29: Consolidation and Highlights	Activity Card 30: Consolidation and Highlights	
4. Purposeful Practice	Match-ups Use modelling clay to make 3-D objects from the story What Was Here? TG p. 27	Independent Inquiry: Hidden Shapes Outline faces that are familiar 2-D shapes on pictures of real world objects What Was Here? TG p. 29	Circles and Square Faces Stamp faces of small objects into slab of modelling clay; draw around faces and label What Was Here? TG p. 23	Shape Hunt Booklet Go on a shape hunt. Draw and label the objects and their shapes; e.g., window What Was Here? TG p. 29	

Teaching Geometric Relationships: Week 2

3-PART LESSON	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1. Activating	What Was Here? Shared reading, emphasizing geometric vocabulary in describing shapes	Identifying Shapes Activity Card 14: "Before"	Select Pattern Blocks or solids from a bag and describe them by using geometric attributes.	Choose a 2-D shape and volunteer statements to describe it using geometric attributes. Repeat with a 3-D solid.	Conferences and Workstations Teacher circulates and confers with students individually. Cluster 3 Assessment Rubric Master 30 can be used to collect evidence of learning. Students can draw and list geometric attributes of common shapes and/or solids. Students may choose to trace the shapes. Fast finishers can do practice activities from earlier in the week or the online Tangram shapes activity for What Was Here? (see QR code on back of Little Book).
2. Constructing Knowledge	Select another Shape and Solid problem from LM 10. Work in pairs to solve problems and record using pictures or words.	Activity Card 14: "What to Do" Use markers to outline different shapes that can be found in a composite design – Student card 14A and 14B	Consolidation Activity Card 15: "Before" Trace around two or more Pattern Blocks pushed together on at least one side. Predict what pieces will fit there.	Activity Card 15: "What to Do" Play this card game to determine which Pattern Blocks would fill a shape or which 2-D shapes would make up a particular solid.	
3. Consolidating	Three pairs of students share solutions and explain their thinking.	Activity Card 14: Consolidation and Highlights	Review and chart geometric vocabulary by drawing and labelling.	Activity Card 15: Consolidation and Highlights	
4. Purposeful Practice	Story Mat Using story mat, draw new shapes and create individual stories of what was missing. What Was Here? TG p. 26	What Am I? Pick a 2-D shape and identify a 3-D object it reminds you of. What Was Here? TG p. 28	Making Designs Make a picture using Pattern Blocks on a sheet of paper. Draw around the outline, title your picture, and pile the blocks used beside it. Trade with a partner and try to rebuild their picture.	Math Journals Draw a familiar 2-D shape, and draw and label some 3-D objects it reminds you of.	