

Math Differentiation Planner

Grade: FP10.3 Concept: Measurement

Pre-skill	Pre-Assessment	Concrete/ Pictorial	Game	Video	Written Explanation	Practice	Post-Assessment
Measurement ☐ lengths: ruler, measuring tape		Measure 10 Classroom Things	Measurement Hunt Bingo	Using a metric tape measure Measuring with a Ruler	Measuring Angles: Homeschool Math Measurement Notes	Measuring in centimeters: Math-aids.com Measuring with a tape measure: Math-aids.com	
Area: - Triangle - Circle - Rectangle		Calculating Area	Partner Shape Hunt	Area of Rectangles and Triangles Area of Circles	Calculating Areas	Area of a Circle Area of a Triangle Area of a Rectangle	
Surface Area: Nets and Calculating - Cylinder - Prism		Using 3-D Nets activities worksheets for understanding Cut out and construct nets Calculate the surface area of each object.	Matching: 3D Nets and Objects	How to Describe Shapes 3D Shape Nets Calculating surface area of rectangular prism Calculating surface area of cylinder Calculating surface area of triangular prism	How to Find 3D Shapes Nets	3D Nets Practice	
Volume: - Cylinder - Prism		Build a volume activity	Estimate and measure volume - compare who is closer	☐ Calculating volume of prisms and cylinders	Volume of Cylinders and Prisms notes	Mathaids.com	
Enrichment: Loosely based on pre-skills above. Games, puzzles, extra practice, rich tasks, creating and curating math resources.		Create a Board Game using a Template	Our Home and Native Land (Math that Matters)		Protractor Golf		



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Content Progression Unit:	Concrete or Movement (Bodily - Kinesthetic)	Pictorial, Video or Media (Spatial - Visual)	Literature or Discussion (Verbal/Linguistic)	Symbolic, charts, graphs (Logical-Mathematical)	Game or Discussion (Interpersonal)	Outside or Natural Materials (Naturalistic)	Song or Chant (Musical)	Practice or Individual Learning (Intrapersonal)
Measurement in Imperial Measure								
Converting Imperial to SI Measurement								
Surface Area; • Cone • Pyramid • Sphere Compare to • Cylinder • Prism								
Volume: • Cone • Pyramid • Sphere Compare to • Cylinder • Prism								

