

Topic: Unit 10: Perimeter, Area, & Volume

Days: 12

Subject Area(s): Math

Grade(s): 6

**Key Learning:** To solve problems relating to area, circle, and volume



**Unit Essential Question(s):** How do you solve problems relating to area, volume, and circles?

<b>Concept:</b> <b>Find Area</b>	<b>Concept:</b> <b>Circles</b>	<b>Concept:</b> <b>Solid Figures</b>
-------------------------------------	-----------------------------------	-----------------------------------------

<b>Lesson Essential Question(s):</b> What is area? (A)	<b>Lesson Essential Question(s):</b> What are the parts of a circle and how do you find the circumference and the area? (A)	<b>Lesson Essential Question(s):</b> What are faces, edges, and vertices? (A)
-----------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------

<b>Vocabulary:</b> area	<b>Vocabulary:</b> circle, center, radius, diameter, circumference, pi	<b>Vocabulary:</b> polyhedron, faces, edge, vertex, prism, base, pyramid, cylinder, cone, sphere
----------------------------	---------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

<b>Concept:</b> <b>Surface Area</b> prism, pyramids, cone, cylinder	<b>Concept:</b> <b>Volume</b> prisms, cone, cylinder, pyramid, sphere	<b>Concept:</b>
---------------------------------------------------------------------------	-----------------------------------------------------------------------------	-----------------

<b>Lesson Essential Question(s):</b> How do you calculate surface area? (A)	<b>Lesson Essential Question(s):</b> What is volume? (A)	<b>Lesson Essential Question(s):</b>
--------------------------------------------------------------------------------	-------------------------------------------------------------	--------------------------------------

<b>Vocabulary:</b> surface area, net	<b>Vocabulary:</b> volume	<b>Vocabulary:</b>
-----------------------------------------	------------------------------	--------------------