

Table of Alignments and Objectives

Information Needed	Project Information
Standards Being Used (including state, if relevant)	8.7(A) solve problems involving the volume of cylinders, cones, and spheres
	8.6(A) describe the volume formula $V = Bh$ of a cylinder in terms of its base area and its height
Specific Standard Previously Aligned in Summative Assessment	8.7(A) solve problems involving the volume of cylinders, cones, and spheres
Grade Level	8th Grade
Subject or Discipline	Math
Summative Assessment Objective (revised if requested)	Calculate the volume of water that can be harvested based on a chosen catchment area and surface material.
Formative Assessment For Learning Objective	The learner will calculate volume of a cylinder using the Volume formula based on given dimensions on an Exit Ticket.
Formative Assessment As Learning Objective	The learner will assess their confidence in performing various skills through the Exit Ticket associated with the Learning Objective.