

Literacy Standard 1: I can identify and cite text evidence.

Literacy Standard 2: I can determine the central idea of a text; I can summarize a text.

Essential Standard / I Can Statements for Lesson 5 Section D:

- I can find the volume of cylinders and solve real-world problems involving cylinders.
- I know the formula for the volume of a cylinder.
- I can find missing information about a cylinder if I know its volume and some other information.
- I can find the volume of a cone and solve real-world problems involving cones.
- I know the formula for the volume of a cone.
- I can find missing information about a cone if I know its volume and some other information.
- I can explain in my own words why changing the height by a scale factor changes the volume by the same scale factor.
- I can explain in my own words why changing the radius by a scale factor changes the volume by the scale factor squared.
- I can find the volume of a sphere if I know the radius.

Key Terms for Unit 5 – Functions and Volume

Function, independent variable, dependent variable, power, base, exponent, root, radical symbol, radius, volume, cylinder, cone, sphere,

<p>Monday 4/13/2026 A-Day</p>	<p>Class Activity and Classwork:</p> <ul style="list-style-type: none"> ➤ Digital Cool Down 15 ➤ Zearn Lesson 16 (Finding Cone Dimensions) ➤ Zearn Lessons 17 (Scaling One Dimension) <p>Assignment:</p> <ul style="list-style-type: none"> ➤ Practice Problems #1-3 on p. 237-238
<p>Tuesday 4/14/2026 B-Day</p>	<p>Class Activity and Classwork:</p> <ul style="list-style-type: none"> ➤ Zearn Lesson 18 (Scaling Two -Dimensions) ➤ Zearn Lesson 20 (Volume of Spheres) <p>Assignment:</p> <ul style="list-style-type: none"> ➤ Finish WS 4.8T Volume of Spheres. ➤ Practice Problems on p. 269-270 #1-4
<p>Wednesday 4/15/2026 A-Day</p>	<p>Class Activity and Classwork:</p> <ul style="list-style-type: none"> ➤ Digital Cool Down 20. ➤ Review for Exit Ticket Quiz (p. 276-277 #1-4) <p>Assignment:</p> <ul style="list-style-type: none"> ➤ Complete any unfinished work from Unit 5.
<p>Thursday 4/16/2026 B-Day</p>	<p>Class Activity and Classwork:</p> <ul style="list-style-type: none"> ➤ Cylinders, Cones and Spheres Exit Ticket Quiz ➤ Preview Unit 6 (Associations in Data) and complete Lesson 1 (Organizing Data) <p>Assignment:</p> <ul style="list-style-type: none"> ➤ Practice Problems #1-3 on p. 295-296
<p>Friday 3/17/2026 A-Day</p>	<p>Class Activity and Classwork:</p> <ul style="list-style-type: none"> ➤ Unit 6 Lesson 2 (Plotting Data) <p>Assignment:</p> <ul style="list-style-type: none"> ➤ Practice Problems #1-4 on p. 302-303

Notes:

- Please Check Microsoft Teams daily for assignment details and due dates.
- PowerSchool will be updated weekly on Wednesdays including zeros.
- I will respond to questions via TEAMS chat within 24 hours.