

Measurement - Tutorials and Virtual Lab Practice

* You must use your earbuds/headphones. If you don't have them, you can try subtitles if available. Earbuds/headphones have been on your school supplies list since you toured as a sixth grader.

TRIPLE BEAM BALANCE:

Using a triple beam balance, tutorial - Watch and Listen - <https://www.youtube.com/watch?v=BAf6HoVK6Jl>

Triple Beam Balance Reading, Practice - Enter your first name, read each mass and record it by clicking the number that goes into the red outlined space, then click "CHECK". Your goal is to have no more than ONE "Incorrect". <http://www.thephysicsaviary.com/Physics/Programs/Games/ReadtheTripleBeam/index.html>

GRADUATED CYLINDERS:

Using Graduated Cylinders, tutorial - Watch and Listen - <https://www.youtube.com/watch?v=7ewRaV5baik>

Graduate Cylinder Reading, Practice - Enter your first name, read each liquid volume and record it by clicking the number that goes into the red outlined space then click "CHECK". Your goal is to have no more than ONE "Incorrect". <http://www.thephysicsaviary.com/Physics/Programs/Games/GraduatedCylinder/index.html>

THERMOMETERS:

Thermometer Reading Tutorial and Practice - Enter your first name, read the thermometer and record it by clicking the number that goes into the red outlined space then click "CHECK". Your goal is to have no more than ONE "Incorrect". <http://www.thephysicsaviary.com/Physics/Programs/Games/ReadTheThermometerChallenge/index.html>

VOLUME BY DISPLACEMENT:

Displacement Method for finding Volume, Tutorial - Watch and Read the subtitles as you follow - <https://www.youtube.com/watch?v=e0geXKxeTn4>

Finding Volume with the Displacement Method, Practice - Find the volume of the item, enter your answer in the space at the bottom, then click "CHECK" at the bottom. Your goal is to have no more than ONE "Incorrect". <http://cstephenmurray.com/onlinequizes/chemistry/measuring/displacementmethod.htm>

VOLUME through formulas:

Finding the Volume of Rectangular Prism, Tutorial - Watch and Listen - <https://www.youtube.com/watch?v=E8tuMaDxgJM>

Calculating the Volume of Rectangular Prism, Practice - Calculate, then enter your answer in the space provided and click "ANSWER". <https://www.mathgames.com/skill/5.120-volume-of-cubes-and-rectangular-prisms>

EXTENSION:

Finding the Surface Area and Volume of Regularly Shaped Objects - Watch and Listen - <https://www.youtube.com/watch?v=-x1cUKZNXbo>

- The Metric System (or International System of Units ((SI Units)) explained - <https://www.youtube.com/watch?v=D7yFloIVQZE> OR go to YOUTUBE and search for "The Metric System - Explained" .