



Use this chart to keep track of your progress through the *Measurement* online course.

Session 1: What Does It Mean To Measure?

- Part A: Comparing Rocks
- Part B: Which Rock Is the Largest?
- Part C: Nonstandard Units
- Part D: Summing It Up
- Homework

Session 2: Fundamentals of Measurement

- Part A: Measuring Accurately
- Part B: The Role of Ratio
- Part C: Precision and Accuracy
- Homework

Session 3: The Metric System

- Part A: Metric System Basics
- Part B: Metric Units
- Homework

Session 4: Angle Measurement

- Part A: Angle Definition
- Part B: Angles in Polygons
- Part C: Geo-Logo
- Homework

Session 5: Indirect Measurement and Trigonometry

- Part A: Indirect Measurement With a Transit
- Part B: Measuring Heights of Tall Objects
- Part C: Steepness and Trigonometry
- Homework

Session 6: Area

- Part A: Measuring Area
- Part B: Exploring Area With a Geoboard
- Part C: Scaling the Area
- Homework

Session 7: Circles and π

- Part A: Circles and Circumference
- Part B: Area of a Circle
- Homework

Session 8: Volume

- Part A: How Many Cubes?
- Part B: Volume Formulas
- Homework

Session 9: Measurement Relationships

- Part A: Area and Perimeter
- Part B: Surface Area and Volume
- Part C: Designing a Water Tank
- Homework

Session 10: Classroom Case Studies

Grades K-2:

- Part A: The Concept of Area
- Part B: Reasoning About Measurement
- Part C: Activities That Illustrate Measurement Reasoning
- Homework

Grades 3-5:

- Part A: The Concept of Area
- Part B: Reasoning About Measurement
- Part C: Activities That Illustrate Measurement Reasoning
- Homework

Grades 6-8:

- Part A: The Concept of Area
- Part B: Reasoning About Measurement
- Part C: Activities That Illustrate Measurement Reasoning
- Homework