

## Math 2-5: Measurement and Data: Geometric Measurement and Problem Solving

# Volume

### Students

### Learning Continuum Statements:

#### Students:

##### RIT 201-210:

- Determines the volume of figures by counting unit cubes

#### Students:

##### RIT 211-220:

- Determines the volume of figures by counting unit cubes
- Determines the volume of rectangular prisms, formula not provided
- Solves problems involving rectangular prisms composed of unit cubes

#### Students:

##### RIT 221-230:

- Determines the length, width, or height given the volume of a rectangular prism and two of the dimensions
- Determines the volume of figures by counting unit cubes
- Determines the volume of rectangular prisms, formula not provided
- Determines the volume of rectangular prisms, given the formula
- Identifies units for measuring volume
- Solves problems involving volumes of rectangular prisms within a real-world or mathematical context

#### Students:

##### RIT 231-240:

- Determines the length, width, or height given the volume of a rectangular prism and two of the dimensions
- Determines the volume of a rectangular prism given a net shown on a grid
- Determines the volume of figures composed of rectangular prisms
- Determines the volume of rectangular prisms, formula not provided
- Identifies units for measuring volume
- Solves problems involving volumes of rectangular prisms within a real-world or mathematical context

#### Students:

##### RIT 241-250:

- Determines the length, width, or height given the volume of a rectangular prism and two of the dimensions
- Determines the volume of figures composed of rectangular prisms
- Solves problems involving volumes of rectangular prisms within a real-world or mathematical context

#### Students:

##### RIT 251-260:

- Determines the side length of a cube given the volume
- Determines the volume of figures composed of rectangular prisms
- Solves problems involving volumes of rectangular prisms within a real-world or mathematical context

#### Students:

##### RIT 261-270:

- Determines the area of the face of a cube given the volume