## LEARNING PLAN 7th Grade

### Exploratory Activities
- Visualization: Comparison
- Visualization: Spell Math
- Which Holds More?

### Concept Development Activities
- **Passport** (9.1) Exploring Polyhedrons
- Lab 9.1 Building Solids from Nets
- Lab 9.5 Investigating Volume
- *Ruins of Monarek* – Investigation 1 or MathThematics: STEM Project Book 2 Module 8 Section 2
- Filling and Wrapping Investigation 4

### Concept
- **Solids**

### Materials and Resources
- Assorted Containers
- *Informal Geometry Exploration*
- Tape
- Rulers
- Grid Paper / Scissors
- Rainbow Cube
- *Connected Math: Ruins of Montarek*
- MathThematics: STEM Project Book 2

### Basic Facts and Standard Algorithms Formalized
- **Passport** : 9.1 pp. 428-431
- 9.5 pp. 450-453
- 9.6 pp. 454-457
- STEM Project – Module 8 Section 2
- Investigation 1 Applications pp. 19-21
- Investigation 4 Applications pp. 41-42

### Assessment
- Project Clear - Performance Task: III-16
- Project Clear - Performance Task: III-18

### Originality and Creativity
- **Student Products**
  - **Written**
    - Identify a solid figure in your home or community that can be described as a prism or pyramid. Explain its characteristics.
  - **Verbal**
    - Identify a solid figure in your home or community that can be described as a prism or pyramid. Explain its characteristics
  - **Kinesthetic**
    - Construct a model of a real world example of a prism or pyramid.
  - **Visual**
    - On poster board make a net for a real world example of a prism or pyramid.

### Related TEKS

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