

Geometric Solids

Task:

- With your partner, use geometric solids to build a structure. Draw your structure or take a photo of it. Talk about the faces, vertices, or edges in your structure. Estimate and then count and add the number of faces, vertices, and edges.

Materials:

- Geometric Solids
- Paper, whiteboards or technology



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BIG Ideas

- Some attributes of shapes are quantitative, others are qualitative.
- Many of the properties and attributes that apply to 2-D shapes also apply to 3-D shapes.



Curriculum Expectations

- Identify and describe the two-dimensional shapes that can be found in a three-dimensional figure.
- Solve problems involving the addition of whole numbers using a variety of strategies.



Links ...to other ideas using this manipulative:

- Literature Links: Greedy Triangle by Marilyn Burns
- Geometric Solids:
<http://tinyurl.com/lvjsx5uq> → (top)
- Count edges, vertices and faces:
<http://tinyurl.com/z5cojhu> → (bottom)



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