

Snowman Platonic Solids Challenge



Challenge: You and your team must construct a 3D snowman made from 3 different Platonic Solids.

Individual Research:

1. What is a Platonic Solid? How many are there? _____
2. Why is it impossible to make more Platonic Solids? _____

3. Which one is most interesting to you? Why? _____

Team Planning:

Draw a quick sketch of your team's snowman using your 3 different Platonic Solids. Label each Solid with its name. Label a vertex, an edge, and a face. Next to the Solid, write the name of the regular polygon that is used to create it.

