






Name: *Student Sheet*, Sample Lesson Plan for "Platonic Solids" Unit of Platonic Solids Experience.

1) Fill out this table by examining each Platonic Solid's isomorphic icon!

2) Derive:
Euler's Polyhedron Equation
There is a magical constant

	● Vertices	□ Edges	■ Faces	◊ Dual
 Octahedron				
 Icosahedron				
 Dodecahedron				
 Tetrahedron				
 Cube				

3) Discuss the numbers that repeat in the table.

the math and magic of polyhedra in cool AR!

POLYHEDRAR

This worksheet accompanies the free special app "The Platonic Solids Experience" from the PolyhedrAR series on iOS and Android. You can discover the above properties via the app.

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