

Using Manipulatives in the Secondary Classroom Grades 6-HS



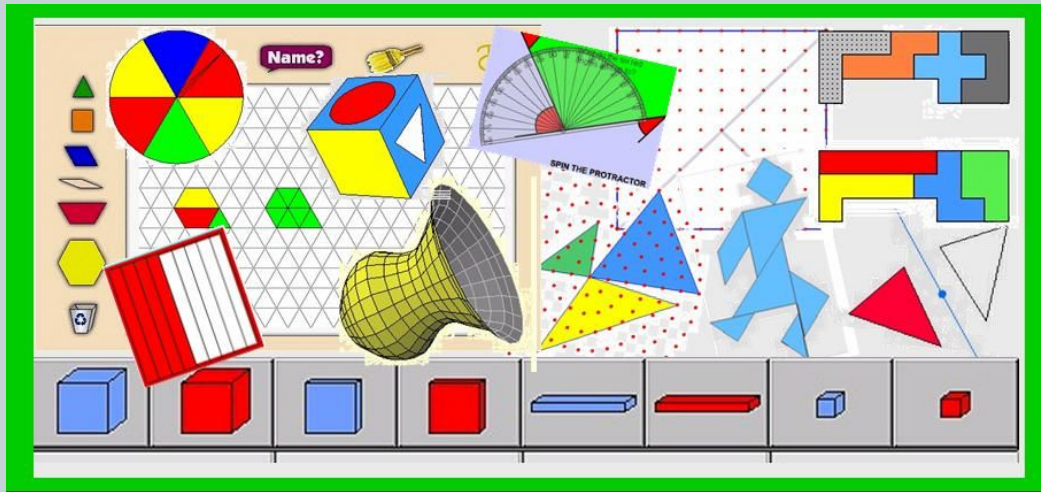
Agenda



- **Admit Slip**
- **Standards & Math Practices**
- **Benefits of using manipulatives**
- **Activities – Using manipulatives in MS & HS math classes**
- **Creating lessons with manipulatives**
- **Next Steps**

Virtual Manipulatives

- Virtual versions of concrete manipulatives
- Online applets
- Programs such as Geometer's Sketchpad, GeoGebra, and Fathom



Content-Based Activities



- **Proportional Reasoning** – The Human Ratio (MS)
- **Probability** – Polyhedron Dice (MS)
- **Algebra Representation** – Algebra Tiles (MS & HS)
- **Geometric Transformations** – Geometric Shapes & Using MIRAs (MS & HS)
- **Functions** – Transformations & Intersections of Functions (HS)

Want to Book This Workshop?
Contact Us Today!



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