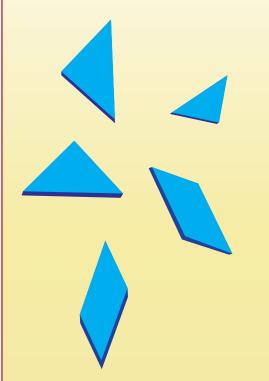


# **Contents List**



# 12 Sets

Each set has 5 tangram pieces (all of the same color) Plus 1 extra data piece (a different color) (Colors may vary.) Envelope containting *Top Secret Solutions* (Please don't post solutions online.) Teacher Notes at 3dmoleculardesigns.com/Teacher-Resources.htm

#### Connections to A Framework for K-12 Science Education: Practices, Crosscutting Concepts, and Core Ideas\*

#### **1. Scientific and Engineering Practices**

- 1. Asking questions (for science) and defining problems (for engineering)
- 2. Developing and using models
- 4. Analyzing and interpreting data
- 5. Using mathematics and computational thinking
- 8. Obtaining, evaluating and communicating information

#### 2. Crosscutting Concepts

1. Patterns

#### Engineering, Technology and Applications of Science Core Idea ETS1: Engineering Design

ETS1.A: Defining and Delimiting an Engineering Problem ETS1.B: Developing Possible Solutions ETS1.C: Optimizing the Design Solution

\*National Research Council (NRC), 2011. A Framework for K-12 Science Education: Practices, Crosscutting Concepts, and Core Ideas. Washington, D.C.: National Academies Press.

## **▲WARNING**:

**CHOKING HAZARD** -- This product contains small parts and should be kept out of the reach of children under the age of 3, because the parts or their pieces may present a choking hazard to small children.

### **CAUTION:**

This is a science education product, not a toy. It is not intended for children under 8 years old.

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