

## Tangrams

Tangrams assist the child in early geometric explorations. They can maneuver the pieces like a puzzle to create their own shapes and designs and also to re-create designs presented. Tangrams also allow the child to build a strong foundation in visual perceptual skills (very useful when later on they are determining the area of an irregular figure and need to be able to break down that irregular figure into different shapes in order to find the area).

### **Materials:**

- Tangrams
- Tangram patterns and control cards

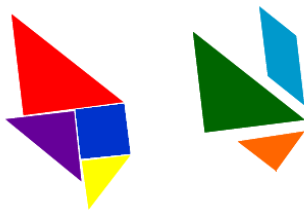
\*This set comes with a set of tangrams, tangram pattern cards, and control cards. Print all pages and laminate. Cut apart tangram pieces as close to edge as possible. Do not leave white space, but also be careful not to cut the tangram pieces smaller than shape boundaries.

### **Instructions:**

1. Place the pieces in the center of the workspace.
2. Place the pattern cards to the right of the workspace. Place the control cards face down.
3. Model the lesson for the child with enthusiasm.
4. Child manipulates tangram pieces to create the same shape as on the tangram pattern card.
5. Child checks work with control card.



control card - should face down while child is constructing shapes with tangram pieces



\*\* please note that a few of the pieces are the same size (i.e. red and green triangles, orange and yellow triangles) – these shapes are interchangeable

