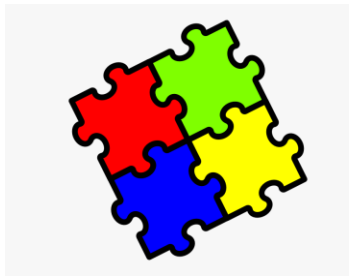




## Math without Numbers: TANGRAMS (K-2)

### The SCIENCE of PUZZLES:

A puzzle is not complete until ALL of the pieces are put in place.



Triangle



Square



Parallelogram



TANGRAM puzzles were invented in China during the Tang Dynasty.



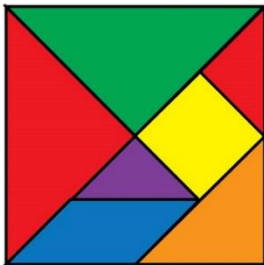
### READ:

*The Warlord's Puzzle* by Virginia Walton Pilegard tells the legend of the tangram puzzle and includes a traceable template.

- Why do you think the boy was the only one who solved the puzzle? Don't have this book at home? You can often find digital versions of books [like this one](#) online.

### ACTIVITY: TANGRAM

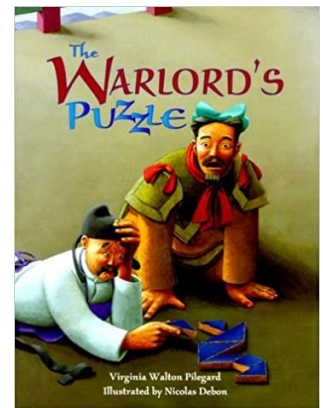
Materials: scissors, square piece of paper/cardboard, TANGRAM outline, ruler/straightedge



1. Print out the TANGRAM pattern – OR – draw one on a piece of paper

**TIP:** Draw a square with 5-inch sides to get you started

2. Color the shapes (different colors if you want)
3. Cut out the shapes
4. Create NEW pictures using all seven shapes!

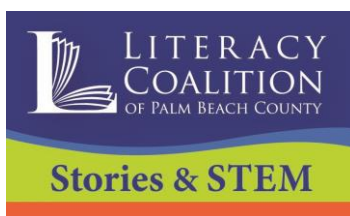


For more free TANGRAM ideas visit [The Tangram Channel](#)

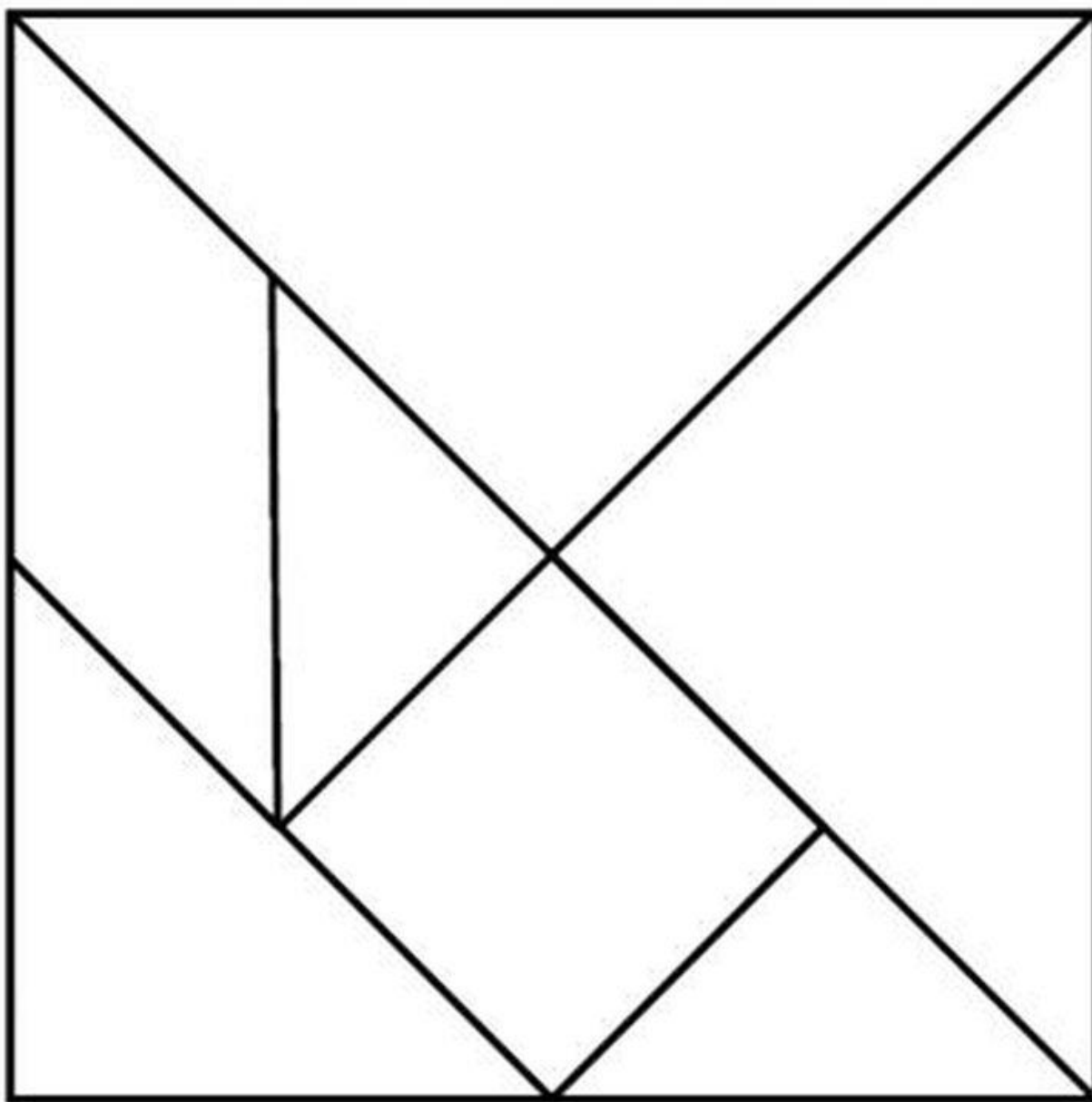
For step-by-step instructions, watch the video at: [Tangrams STEM Activity](#)

*This at-home educational activity is from the Literacy Coalition of Palm Beach County's literacy-based Stories & STEM program. Stories & STEM is made possible with support from Prime Time Palm Beach County, Inc., which receives significant funding from the Children's Services Council of Palm Beach County, Inc.*

*Having fun? Send pictures or video links of you and your Stories & STEM projects to [csharkey@literacypbc.org](mailto:csharkey@literacypbc.org)*



## Math without Numbers: TANGRAMS (K-2)



*This at-home educational activity is from the Literacy Coalition of Palm Beach County's literacy-based Stories & STEM program. Stories & STEM is made possible with support from Prime Time Palm Beach County, Inc., which receives significant funding from the Children's Services Council of Palm Beach County, Inc.*

*Having fun? Send pictures or video links of you and your Stories & STEM projects to [csharkey@literacypbc.org](mailto:csharkey@literacypbc.org)*