

February 2022

15–Minute STEAM

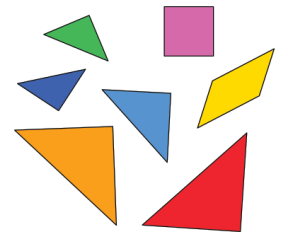
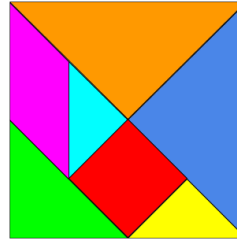
Tangrams

Supplies Provided

Tangram template
Puzzle shape outlines

Needed From Home

Scissors
Decorating supplies (if desired)



1. If desired, decorate each shape
2. Carefully cut out the tangram shapes
3. The traditional way to play with tangram puzzles is to attempt to use all seven pieces, with no overlapping, to fill a given outline. Common themes are animals, numbers, and letters. The printables provide outlines that can be solved using the tangram template.



What Is A Tangram?

Tangrams are simple Chinese puzzles consisting of seven pieces that fit inside a larger square outline

Why are tangram puzzles awesome? They roll geometry, spatial awareness, problem solving and creativity all into one while seeming like plain old fun! Tangram puzzles are not new. In fact they have been around for centuries and are one of the most popular dissection puzzles in the world.

The objective is to use all seven pieces, or “tans,” of the puzzle to create new shapes, with no overlapping. While the pieces can be played with creatively, traditionally they are used as a puzzle; trying to make the shapes fit within a specific outline.

Every tangram puzzle contains the following shapes; two large right triangles, one medium right triangle, two small right triangles, one square, and one parallelogram. All seven of these shapes come together to fill a larger square in its entirety.

Taken in part from kitchentableclassroom.com/diy-tangram-free-template/