



# It Figures!

**Objective:** The student will (TSW) use angles or popsicle sticks to create shapes that are congruent and shapes that are similar.

**Outcome:** Making a shape that is congruent or similar to another, and explaining why will make the concept concrete.

**Materials:**

- \*Angles or Popsicle sticks
- \*Samples of congruent figures
- \*Congruent/Similar Spinner

**Directions:**

- \*Give each pair of students a bag of angles or sticks.
- \*Review the definitions of similar and congruent.
- \*Have the leader show the team a figure.
- \*Have a member of the team spin to see if the pairs will be making a similar or congruent shape to the one being shown.
- \*When a pair has made their shape, they put their hands on their shoulders and think of a reason why they know their figure is correct.
- \*Have each pair share their reasoning with the team.
- \*Repeat the process with a new shape and a new spin
- \*Continue as time allows.