**Toothpick Challenges:** *feel free to substitute any item if you don’t have toothpicks (pasta, string, Q-tips, etc.)*

**Puzzle 1**: Set up 10 toothpicks like this :

 Move 3 toothpicks to another position so you will have five. Take a picture of or draw your solution and send to me!

**Puzzles 2-6**: set up 12 toothpicks like this:



**Puzzle 2:** Make two squares of different sizes by removing two toothpicks.

**Puzzle 3:** Make three congruent squares by moving three toothpicks.

**Puzzle 4:** Make three congruent squares by moving four toothpicks.

**Puzzle 5:** Make seven squares, not all congruent, by moving two toothpicks. You may cross one toothpick over another.

**Puzzle 6:** Make 10 squares, not all congruent, by moving four toothpicks. You may cross one toothpick over another.