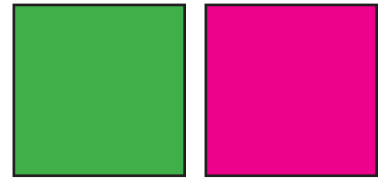


# Origami

## Activity 2 - Origami Puzzle

Origami is an ancient Japanese art of folding paper. The word origami comes from two Japanese words: “ori”, which means to fold, and “kami”, which means paper. Origami has become increasingly popular over the past few decades and has spread to North America, Europe and other places around the world.

You need a square piece of paper with different coloured sides. You can also have paper which is white on one side and coloured on the other side. You can buy this specially designed origami paper at a craft store or you can make this type of paper yourself. Here’s how:



- Take a thin piece of plain white paper, and draw a large square on it.
- Then take a piece of coloured construction paper, tissue paper or even wrapping paper and draw the same size square as on the white paper. (The thinner your paper, the easier it will be to fold).
- Now glue one square exactly on top of the other square. Let it dry and you have your paper!
- If you want a different colour on each side, then glue two pieces of different coloured construction or tissue paper together.

### ★ ★ ★ THE PUZZLE ★ ★ ★

Fold your square paper in such a way that the following pattern is created:



*Hint: All of the folds are symmetrical. What you do to one side of the paper, do the same to the other side.*

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## Can you believe THIS is math?