## **Geometric prediction**

You will quietly draw your prediction (a square), then ask your audience to describe simple geometric shapes.

In pieces of card stock that you have prepared, draw the geometric shapes that your audience has described.

Once you have 5 or  $\theta$ , gather them in your hands, mix them up and place them on the table.

Discard the pieces of card stock that are on the undrawn side.

Only one geometric figure will remain on the table, your prediction.

This is one of my favorite predictions to make at a party without any special equipment.

One of the best known geometric shapes is the "square" so, on one of the pieces of card stock, draw a square.

Keep your card stock with your square drawn on your right side so you can easily spot it. Once the audience member says "a square" draw an identical square on the blank side. If no one in the audience says "a square" pretend you heard it and draw it.

The audience thinks you are coming up with blank paper and drawing their suggestion as you go along. They can't suspect that the most famous geometric figure, "the square", is already drawn on one side of the pieces of card stock, which will cause all other geometric shapes to be eliminated, leaving only "the square" to match your prediction.