# SOA Challenge 3

ORIgami ORIenteering Kite

Get a square of paper, light on one side and coloured (preferably orange or red) on the other side. If you don't have suitable paper, simply colour in one side of a sheet of white paper in red or orange.

1. Fold the paper in half and crease the fold, then half again and crease it; open it out, smooth it and do the same in the other direction so your paper now has 16 smaller squares formed by the creases.
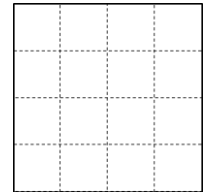
2. Fold two neighbouring corners to the centre.
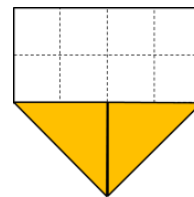
3. Fold the point that you've created up to the other side. Fold one of the other corners to the nearest creased corner of a small square.
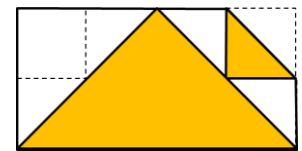
4. Turn the whole thing over and fold in half, one fully coloured surface to the other. The two sides are shown here. The side shown on the bottom will become the inner face of the kite.

5. Re-crease the existing folds so that it wraps round on itself
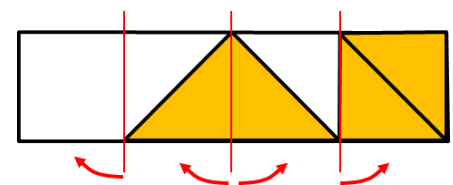
6. Tuck one end into the other to make your 3-sided O kite. Check you've got it the right way out, with red & white triangles on each of the outer faces.