## Origami Octahedral Ball



Pick 3 colours; take 4 sheets of each



Start with the coloured side up



Fold the bottom to the top



Turn it round; fold the edge up to the central fold



Turn it over and do the same



Open it up on the central fold to get a 'cupboard' fold



Fold the bottom to the top, with the 'cupboard' inside



Turn it round (fold at the top) and fold up the bottom right corner up



Fold up the little flap that's left



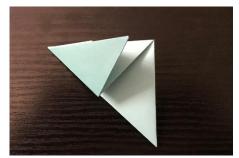
Turn it over



And again, fold up the bottom right corner



And fold up the little flap



Fold up the left 'prong'



Turn over and do it again



Open the unit out a little to reveal the flaps at the ends



Make all 12 units



Slide the flap of one unit into the slot on another unit



Push the flap round the corner and make everything firm



Do the same with the third colour



Fit the third flap in and push it all together firmly



Add some more flaps to make a checkerboard pattern at the corners



Add some more... four at each corner, in a checkerboard pattern



Pull the corners together



For the last flap, just fold it over and tuck it in



Origami Octahedral Ball