

Create a Badger Tree

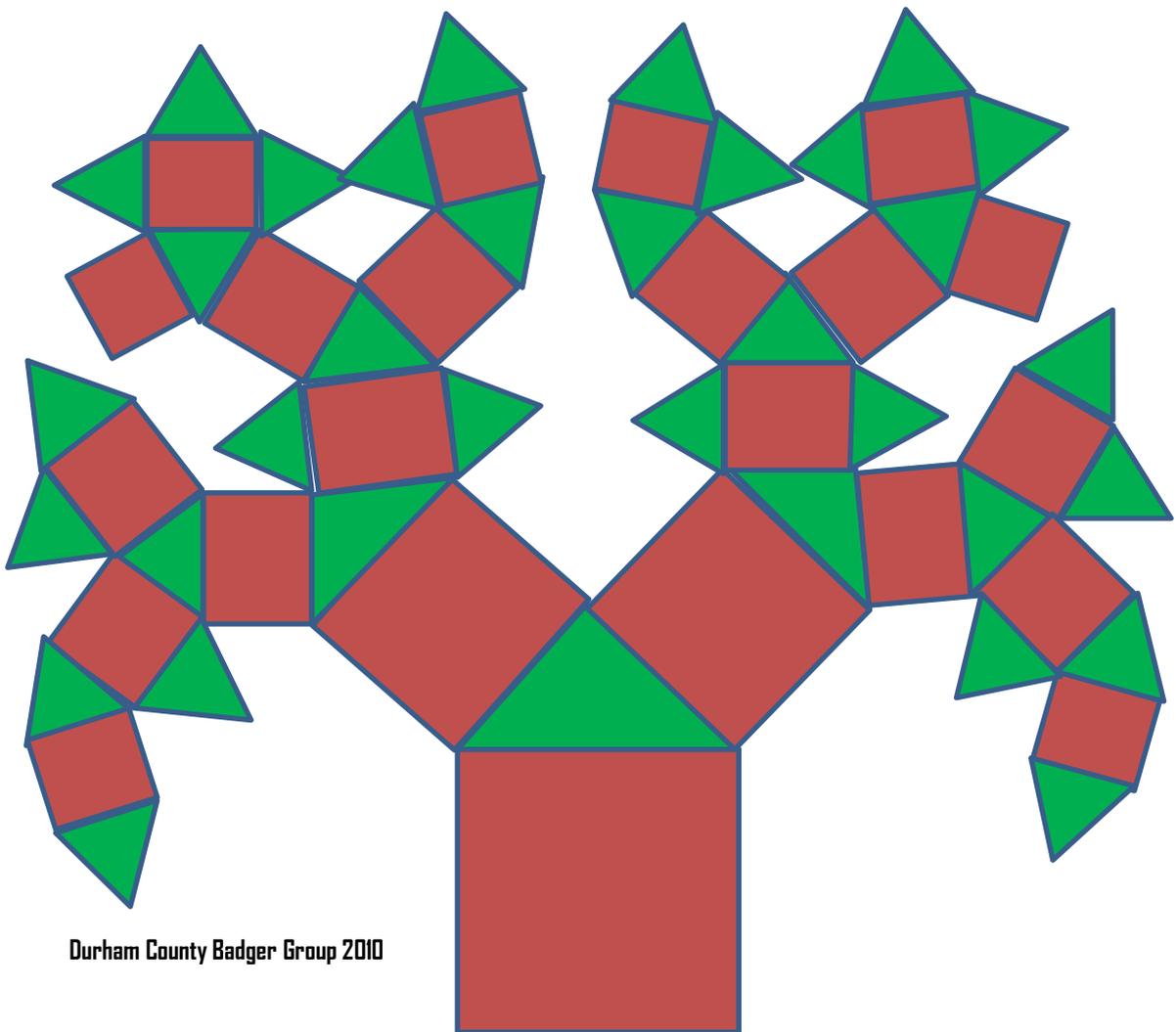
(A 'Badger Tree' is a mathematical model, using squares and rectangles to create a fractal shape.)

Firstly, draw a square at the bottom of your paper. (Choose a BIG piece, as this grows very quickly!)

Add an isosceles triangle on to the top, with the bottom piece being the hypotenuse. Then place two more squares at the other two sides.

Continue like this until the pieces of the fractal become too small to handle.

How small can you make the pieces? Go on, have a go!



Durham County Badger Group 2010