Mathematical Christmas Tree

Part 1. Koch Snowflake star
Print three of the snowflake on the attached sheet (on yellow card if you have it), and cut it out - it's up to you what level of detail you cut. Then glue or staple the stars in the places shown, to join the three stars into a triangular prism shape by gluing the edge of each to the back of one other. This should sit nicely on top of your tree!

Part 2. Sierpinski Tetrahedrons - make 64 tetrahedrons and assemble into one large tetrahedron
(See worksheet - print them on green card if you have it)

Part 3. Menger Sponge - make 12 units and assemble one sponge
(See worksheet - print them on red card if you have it)
Koch Snowflake

Choose your level of fractal detail - the small triangles are optional!