

Concentric Icosahedra

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For my project I started out with a single ball. Then I used the building sticks to put 12 sticks coming out of that ball. I then connected all of those sticks to build a small icosahedron with that small ball suspended in the center of the icosahedron. After I did that I took the size of the sticks that connected the icosahedron to the ball and doubled the size of those sticks. Then I took the sticks of doubled size and I connected those to the joints of the first icosahedron. Then I connected all those joints together to make an icosahedron directly proportional to the first. I continued to do this until I had four icosahedrons each one connected by their joints, and each one getting smaller and smaller inside of each other.