

**Center for Creative Learning IIT Gandhinagar** 

Spicing Up the Curriculum

## 6V Reciprocal Geodesic Dome

## Made out of Bamboo Strips

It takes 720 sticks of 5 different sizes, 3600 ties and 5-50 hours of labor, depending on how LAZY you are!

We at CCL IITGN calculated the distance at which the holes should be placed in the bamboo sticks, using Spherical Geometry. Sticks need to be twisted at an angle of 10 degrees and weaved together. This makes the edges stay intact due to friction.



Get in touch to make your own dome!

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## Scan to visit







