

A course of six fun STEM activity sessions of 1 hour duration tailored for delivery to small groups (25 max) of Years 3 – 6 pupils

Week 1

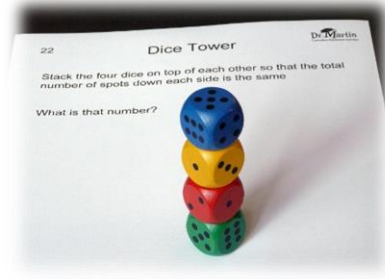
Giant Tetrahedron



Pupils construct an inspiring 4m tall Giant Tetrahedron using only wooden dowels and elastic bands

Week 2

MATHSterclass



Pupils work in pairs to tackle a variety of hands-on maths and problem solving activities

Week 3

Tower Challenge



Pupils compete in small teams to construct the tallest freestanding tower with wooden dowels and elastic bands using a fixed budget

Week 4

Vehicle Challenge



Working in small teams, pupils use K'Nex to construct a vehicle to carry the maximum load possible along a short course

Week 5

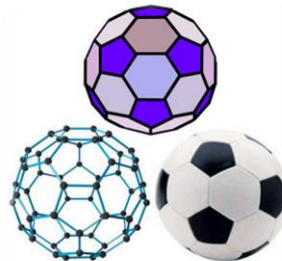
Bridges



Pupils learn about different types of bridge, and test the load bearing capability of bridges they make using pieces of wood, with and without, elastic bands!

Week 6

Polyhedra Maths



Pupils explore the mathematical properties of a variety of polyhedra and make a model of a truncated icosahedron