SUPER STRUCTURES!

Class Outline:

1. Strong Joints : What are strong joints in engineering?
2. Strong Shapes & Bracing
3. Air Cannon Challenge : Putting their knowledge to the test!
4. Tall Structures : Load bearing columns
5. Building a Cantilever
6. Bridges
7. Final day challenge, Bridge Crusher

Students will be exploring the world of structures and basic structural engineering principles that make a strong structure. They will be testing out their projects against our AIR CANNON and BRIDGE CRUSHER!

Everyday students will be building and completing challenges in our class. They will use what they learn in the next 7 weeks to be able to build the strongest bridge on the final day.