SUPER STRUCTURES!

Class Outline:

1. Strong Joints
2. Strong Shapes
3. Air Cannon Challenge
4. Building a Cantilever
5. Bridges
6. Final day challenge, Bridge Crusher
7. ***EXTRA CURRICULUM*** – Load Bearing Columns(implemented between day 3 and 4)
8. ***EXTRA CURRICULUM*** – Team build tall towers(implemented after #7)
9. ***EXTRA CURRICULUM*** – Team build Air Cannon(implemented after #5)

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 6 weeks to be able to build the strongest bridge on the final day.

Emphasize that the better they pay attention in class, the better chance they will have to earn a medal on the final day.