

REVIEW:

- What is Bracing?
- How do you make a strong joint?
- What is a strong shape?

NO WORKSHEET

LESSON:

-Students will build individually or in teams to try and survive against the air cannon! They will combine what they learned about strong shapes and joints.

AIR CANNON RULES:

- For Teacher use only! Any student messing with the cannon will get an automatic strike 2 which is a time out.

- Set up a firing zone, mark off with masking tape. Students need to be behind the air cannon to watch.

FOR FUN! - Have students build the weakest structure and see who can make the biggest explosion!

Challenge 1 - Individual or Team Build

- Build a structure at least 8 bricks tall that can survive 3 pumps of the air cannon

Challenge 2 - Individual or Team build

- Build a structure at least 12 bricks tall that can survive 3 pumps of the air cannon

Challenge 3 - Individual or Team build

- 12 bricks tall, 5 pumps!

Challenge 4 Ultimate, Ultimate Challenge - Individual build

- who can survive the most pumps!