

Fun with Structural Engineering

On this NSBE JR. meeting, our young inspired engineers took part in an activity to give them insight in basic structural engineering.

The objective was to build a simple structure of paper that would hold the weight of a book.

Materials

1. Book (<2lbs)
2. Paper
3. Tape
4. Scissors

The young members attempted many shapes in the activity. At first they tried shape structures similar to triangular trusses. They bended shapes in order to form a bridge to support the book. After which they began to make towers in cylinder shapes. All NSBE Jr. members completed the activity. Once the activity was finished, we had a small discussion on examples of structural engineering throughout the city.

It was a very enlightening experience for the NSBE JR. members.

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