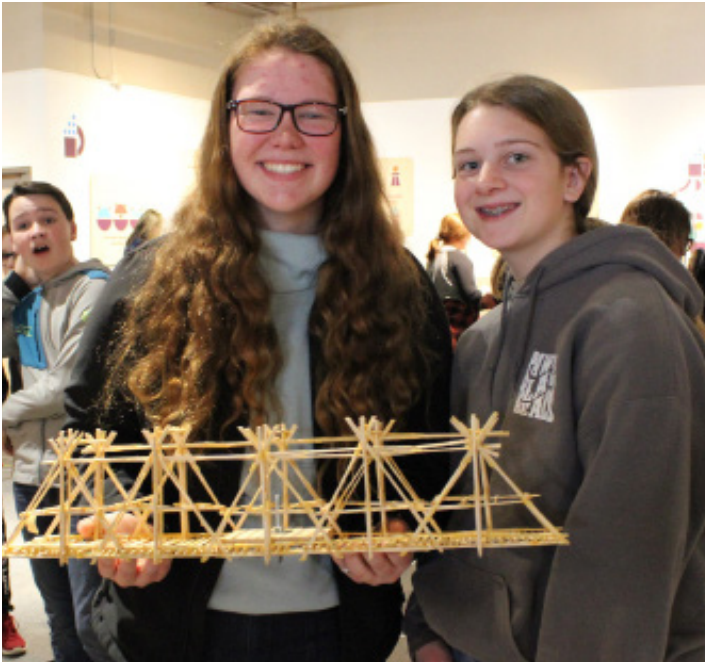


Oklahoma Structural Engineers Association Young Member Group

E-Week 2020: Bridge Breaking Competition
Science Museum Oklahoma, Oklahoma City, Oklahoma
February 17th, 2020



On February 17th, the Oklahoma Structural Engineers Association Young Members Group had the opportunity to volunteer at the E-Week Bridge Breaking Contest at the Science Museum Oklahoma. This event was one of many in Oklahoma and around the country for E-Week 2020, a week devoted to promoting engineering amongst kids through emphasis on math, science and technology. Volunteers worked with middle school and high school students from around the Oklahoma City metro area in the testing of toothpick bridges. Students competed in three different categories: structural efficiency, load capacity, and aesthetics. Load testing and aesthetics judging was performed by the YMG, and after bridge failure, engineers instructed students on the failure mechanism of the design and how the bridge could be improved. Additionally, volunteers had the ability to walk around and speak with students about what structural engineers do and why it is important to the public. This was a great opportunity to educate young people about structural engineering and encourage them in their early engineering career.

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