



RSE@Schools

Bridge Building

By Professor Miles Padgett

Weak shapes, strong shapes and their application to bridge design. A workshop on building your own model bridge followed by a competition to find out who made the strongest.

This event includes a number of hands-on workshop activities and is best suited to smaller groups. It is suitable for all primary and secondary school students.

Professor Padgett is a lecturer in the Department of Physics and Astronomy at the University of Glasgow.

Curriculum Links

- 5-14 Science: Energy and Forces; Forces and their Effects
- Higher Physics: Mechanics and the Properties of Matter
- Advanced Higher Physics: Mechanics

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Photos courtesy of Professor Miles Padgett