



STEM AFTERSCHOOL ACADEMY

presents

## Hands-on Geometry (in-school fieldtrip) for Kindergarten

### Introduction to Shapes

#### Students will

- Learn about several types of 2- and 3-dimensional shapes
- Build and analyse various shapes
- Construct objects using a combination of basic and complex shapes as base features.
- Investigate the difference between shapes
- Work in teams on a shape-based structural challenge



#### Alignment with MCPS Curriculum 2.0 for Kindergarten

- Mathematics
- Geometry: Shape identification, description and modelling
- Synthesis
- Using basic shapes to construct a whole object
- Originality
- Creating new object using known shapes

Cost: \$10/student

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