



# Teachable Moments

## 3<sup>rd</sup> Grade

### Duration

15-30 minutes

### Location

Gem & Mineral Hall

### Standards

- Listening and Speaking 1.7
- Measurement and Geometry 2.4
- Measurement and Geometry 2.5
- Measurement and Geometry 2.6

## The Gem and Mineral Hall

Displaying 2,000+ specimens, explore everything from sedimentary to metamorphic, meteorites, precious stones and even gold! Learn more at: [www.nhm.org/explore-exhibits/permanent-exhibits/gems-minerals](http://www.nhm.org/explore-exhibits/permanent-exhibits/gems-minerals)

### Language Arts

- In any area of the hall, ask students to find a favorite specimen.
- Once it has been found, have them verbally articulate three specific details about the specimen to explain why it is their favorite.

### Math (1)

- In any area of the hall, pick a specimen displaying various angles and discuss how the sides of the object can create right, acute, and obtuse angles, pointing them out as you go.
- Have the students repeat this exercise in pairs.

### Math (2)

- In any area of the hall, pick a specimen that displays more than one shape. Discuss how it is a three dimensional object while pointing out the different shapes that create it.
- Have students repeat this exercise in pairs and encourage applicable vocabulary such as cube, rectangular solid, sphere, prism, pyramid, cone and cylinder.

