**Biomedical Explorers**

**Grades 6-7**

- **Explore**
  - Explore the benefits of genetic diversity.

- **Investigate**
  - Investigate and learn about model organisms.

- **Share**
  - Test and share how model organisms improve human health.

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**Demographics**

- **Female** 51%
- **Male** 49%

- Caucasian (46.34%)
- Black or African American (21.95%)
- Hispanic or Latino (19.51%)
- Asian (9.76%)
- Other (2.44%)

- Public School (55%)
- Charter (17.5%)
- Private (12.5%)
- Homeschool (15%)

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**Did your participation...**

- **100%**
  - Increase interest in science and/or engineering

- **100%**
  - Increase understanding of science and/or engineering

- **95%**
  - Increase interest pursuing a science-related career

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**Gains in understanding...**

- **How organisms are alike and different**
- **Why certain organisms are used as models to learn about and improve human health**
- **How DNA promotes differences in traits**
- **How our health depends on genetic diversity**

- **Before**
- **After**

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**Which skills did you practice...**

- **60%** self-direction
- **90%** openness to new ideas
- **85%** creative thinking

- **40%** integrity
- **85%** critical thinking
- **80%** collaboration

- **45%** perseverance
- **90%** curiosity
- **85%** problem solving

- **45%** adaptability

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