

5TH GRADE



The Works[®]

Ohio Center for History, Art & Technology

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EDUCATION PROGRAMS

FORCES & MOTION
INVENTION
POLYMERS
SCIENCE OF GLASS
SOUND

Forces & Motion

Get hands-on with forces and motion. Discover that speed is related to both mass and force.

Science: The amount of change in movement of an object is based on the mass of the object and the amount of force exerted.

Invention

Discover the invention process, learn different ways to invent, and be inspired by famous inventors. Use the knowledge acquired to create an invention that uses changes in mass or force to alter the movement of an object.

Science: The amount of change in movement of an object is based on the mass of the object and the amount of force exerted.

Polymers

Students will discover how polymers are used to obtain and distribute food in agro-ecosystems and urban ecosystems. Using polymers, students will make predictions, ask questions, perform experiments, and analyze results.

Science: Organisms perform a variety of roles in an ecosystem.

Math: Represent and interpret data.

