

AMERICAN PRECISION MUSEUM - TOURS & SCHOOL VISITS

<http://www.americanprecision.org/education>

Please contact us ahead of time so we may plan a visit that best suits your group's needs.

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DATES & TIMES Open daily 10am—5pm, Saturday, Memorial Day weekend through October 31. Sometimes we can accommodate schools in May before Memorial Day. We can accommodate school groups before 10am.

FEES

School groups, \$4 per student. Adult chaperones admitted free.

ACTIVITIES

Your class could be divided into small groups to rotate through a series of activities that each may take about ½ hour.

Gears, Belts, and Pulleys

Length of program: 1 hour

Grade levels: 4 – 6

The 1846 Robbins and Lawrence Armory that houses the museum was an engineering marvel when first built. Inside an industrial revolution took place. This tour looks at how energy was harnessed from the nearby Mill Brook to power the machines that changed the world. This visit is divided into three parts:

1. Exterior Tour: Tour the exterior of the building and gather architectural evidence to figure out what the building was used for and how it was powered.
2. Learning Lab: Experiment with the transfer of energy by examining gears found in ordinary household implements.
3. Exhibit Tour: Visit the exhibits and learn how the inventions in Windsor forged the Industrial Revolution. See the demonstrations in the Working Machine Shop.

NGSS Core Ideas:

Forces and Motion (PS2A,B)

Definitions of Energy (PS3A, B)

Work and Labor in a Vermont Town

Length of Program: 1 hour

Grade levels: 7 - 12

The 1846 Robbins and Lawrence Armory that houses the museum changed over time. Maps and census records reveal changes in manufacturing and labor. This visit is divided into three parts:

1. Exterior Tour: Tour the exterior of the building and gather architectural evidence to figure out what the building was used for and how it was powered.
2. Learning Lab: Analyze primary sources including maps and census records to create a timeline of change over time during the era of industrial revolution and immigration.
3. Exhibit Tour: visit the exhibits and learn about the inventors and laborers in Windsor who forged the Industrial Revolution. See the demonstrations in the Working Machine Shop.

Common Core History Social Studies:

Integrating visual information (CCSS.ELA-LITERACY.RH.6-8.7)

Analyzing primary sources (CCSS.ELA-LITERACY.RH.6-8.2)

Please feel free to suggest other ideas that would enhance your classroom activities.

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