



**About *Amazing Machine!*
and the
Delaware Science Curriculum Framework
Grades K - 3**

In *Amazing Machine!* students explore the inner workings of machines. Through interactive exhibits, students gain an understanding of how various components, which are actually simple machines such as pulleys, gears and screws, are combined into complex machines that perform complex tasks. They explore how energy and power are transformed into motion, and how various forms of control regulate that motion. They also trace the historical development of some technological designs. Concepts in the exhibit correlate to the following benchmarks that students need to acquire in Kindergarten through Grade 3, according to the Delaware Science Curriculum Framework:

Standard One: Nature and Application of Science and Technology	<ul style="list-style-type: none">• Science, technology, and society• History and context of science
Standard Two: Materials and Their Properties	<ul style="list-style-type: none">• Material technology
Standard Three: Energy and Its Effects	<ul style="list-style-type: none">• The forms and sources of energy• Forces and the transfer of energy• Energy interacting with materials; the transformation and conservation of energy• The production, consumption and application of energy

**About *Amazing Machine!*
and the
Delaware Science Curriculum Framework
Grades 4 - 5**

In *Amazing Machine!* students explore the inner workings of machines. Through interactive exhibits, students gain an understanding of how various components, which are actually simple machines such as pulleys, gears and screws, are combined into complex machines that perform complex tasks. They explore how energy and power are transformed into motion, and how various forms of control regulate that motion. They also trace the historical development of some technological designs. Concepts in the exhibit correlate to the following benchmarks that students need to acquire in Grades 4 and 5, according to the Delaware Science Curriculum Framework:

Standard One:
Nature and Application of Science and
Technology

- Science, technology, and society
- History and context of science

Standard Three:
Energy and Its Effects

- Forces and the transfer of energy
 - Energy interacting with materials; the transformation and conservation of energy
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**About *Amazing Machine!*
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Grades 6 - 8**

In *Amazing Machine!* students explore the inner workings of machines. Through interactive exhibits, students gain an understanding of how various components, which are actually simple machines such as pulleys, gears and screws, are combined into complex machines that perform complex tasks. They explore how energy and power are transformed into motion, and how various forms of control regulate that motion. They also trace the historical development of some technological designs. Concepts in the exhibit correlate to the following benchmarks that students need to acquire in Grades 6 through 8, according to the Delaware Science Curriculum Framework:

Standard One:
Nature and Application of Science and
Technology

- History and context of science

Standard Three:
Energy and Its Effects

- Forces and the transfer of energy
 - Energy interacting with materials; the transformation and conservation of energy
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**About *Amazing Machine!*
and the
Delaware Science Curriculum Framework
Grades 9 - 12**

In *Amazing Machine!* students explore the inner workings of machines. Through interactive exhibits, students gain an understanding of how various components, which are actually simple machines such as pulleys, gears and screws, are combined into complex machines that perform complex tasks. They explore how energy and power are transformed into motion, and how various forms of control regulate that motion. They also trace the historical development of some technological designs. Concepts in the exhibit correlate to the following benchmarks that students need to acquire in Grades 9 through 12, according to the Delaware Science Curriculum Framework:

Standard One: Nature and Application of Science and Technology	<ul style="list-style-type: none">• Science, technology, and society• History and context of science
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Standard Three: Energy and Its Effects	<ul style="list-style-type: none">• The forms and sources of energy• Forces and the transfer of energy
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