



America's Greatest History Attraction

CURRICULUM CONNECTIONS

History Hunter: Investigating Energy in Made in America: Power at Henry Ford Museum (<http://www.thehenryford.org/education/erb/EnergyHistoryHunter.pdf>)

Scavenger Hunt in Henry Ford Museum. Explore the exhibit "Made in America: Power" through featured artifacts, drawing, vocabulary, and questions for writing and discussion. Includes a tip sheet for parents/teachers/chaperones.

Common Core State Standards

Grade 4

- RI.4.1** Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- RI.4.3** Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.
- RI.4.4** Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a *grade 4 topic or subject area*.
- RI.4.7** Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, animations, or interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears.
- RI.4.10** By the end of year, read and comprehend informational texts, including history/social studies, science, and technical texts, in the grades 4–5 text complexity band proficiently, with scaffolding as needed at the high end of the range.
- W.4.8** Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.
- W.4.10** Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
- SL.4.1** Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 4 topics and texts*, building on others' ideas and expressing their own clearly.
- SL.4.2** Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
- L.4.4** Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on *grade 4 reading and content*, choosing flexibly from an array of strategies.

Grade 5

- RI.5.1** Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.

- RI.5.3 Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.
- RI.5.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a *grade 5 topic or subject area*.
- RI.5.7 Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.
- RI.5.10 By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 4–5 text complexity band independently and proficiently.
- W.5.8 Recall relevant information from experiences or gather relevant information from print and digital sources; summarize or paraphrase information in notes and finished work, and provide a list of sources.
- W.5.10 Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
- SL.5.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 5 topics and texts*, building on others' ideas and expressing their own clearly.
- SL.5.2 Summarize a written text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
- L.5.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on *grade 5 reading and content*, choosing flexibly from an array of strategies.

Michigan Science Grade Level Content Expectations

Grades 4

- S.RS.04.11 Demonstrate scientific concepts through various illustrations, performances, models, exhibits, and activities.
- S.RS.04.16 Identify technology used in everyday life.
- S.RS.04.17 Identify current problems that may be solved through the use of technology.
- S.RS.04.19 Describe how people have contributed to science throughout history and across cultures.

Grades 5

- S.RS.05.15 Demonstrate scientific concepts through various illustrations, performances, models, exhibits, and activities.
- S.RS.05.16 Design solutions to problems using technology.
- S.RS.05.19 Describe how science and technology have advanced because of the contributions of many people throughout history and across cultures.

Next Generation Science Standards

Grade 4

- 4-PS3-4. Apply scientific ideas to design, test, and refine a device that converts energy from one form to another.

Grades 3-5

- 3-5-ETS1-2. Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.

National Curriculum Standards for Social Studies

2. Time, Continuity and Change

8. Science, Technology and Society

21st-Century Skills

Creativity and Innovation

Think Creatively

- Use a wide range of idea creation techniques (such as brainstorming)
- Create new and worthwhile ideas (both incremental and radical concepts)

Communication and Collaboration

Communicate Clearly

- Articulate thoughts and ideas effectively using oral, written and nonverbal communication skills in a variety of forms and contexts

Information Literacy

Access and Evaluate Information

- Access information efficiently (time) and effectively (sources)
- Evaluate information critically and competently

Use and Manage Information

- Use information accurately and creatively for the issue or problem at hand