

If I Had a Hammer

Facilitated Program

Here's a way to put core subjects like math and language arts to work in a hands-on and downright entertaining way. "If I Had a Hammer" is a problem-solver's delight as groups of students work together to construct an 8-by-11-foot house inside Henry Ford Museum®. This interdisciplinary program seamlessly weaves in communication skills and STEM concepts, including environmental resources and simple machines. Team-building is a must as students discover just how essential those subjects can be when they're applied to a real-world challenge.

Educational programs at The Henry Ford are closely aligned to standards and grade-level content expectations in social studies, language arts, science and math. Curriculum connection information on the "If I Had a Hammer" program is listed below.

Common Core State Standards Mathematics

4 - 4.MD.3
5 - 5.NBT.5
6 - 6.RP.3.b, 6.NS.3
7 - 7.NS.3, 7.G.6

Common Core State Standards English Language Arts

4 - SL.4.1, SL.4.2, L.4.6
5 - SL.5.1, SL.5.2, L.5.6
6 - SL.6.1, SL.6.2, L.6.6
7 - SL.7.1, SL.7.2, L.7.6

National Principles and Standards for School Mathematics

Number and Operation, Measurement, Problem-Solving, Communication, Connections

National Science Education Standards

Science in Personal and Social Perspectives

National Career and Employability Skills Standards

1, 5, 6, 7

Michigan Math Grade-Level Content Expectations

4 - NFL.04.08, NFL.04.34, NFL.04.36, MUN.04.01
5 - NFL.05.05

Michigan ELA Grade-Level Content Expectations

4 - LCN.04.01, LCN.04.02
5 - LCN.05.02
6 - LCN.06.02

Michigan Science Grade-Level Content Expectations

4 - S.IPO.4.14, S.IPO.4.15

Cub Scout Core Values

Positive Attitude, Resourcefulness, Respect, Perseverance, Cooperation

Girl Scouts Transforming Leadership Outcomes

D1, D3, D5, D4, C1, C2, C3, C5, T2

Location: Henry Ford Museum

Offered: September through mid-June

Program Length: 2 hours

Fee: \$14.50, includes museum admission

Online Resources: Teacher Guide