

Tinkering for Tots

Inspire big dreams from your little innovators.



► HENRY FORD MUSEUM OF AMERICAN INNOVATION™

Little learners get a head full of STEAM (science, technology, engineering, arts and math) with our hands-on program. Designed for curious preschoolers, our inspired yet playful activities focus on themed materials and then expand outward with storytelling, crafting, building and artifact exploration.

NOVEMBER 13, 2017
10 A.M.-NOON

↓ **Plastics and Metals**

This month, we continue the STEAM 101 materials theme by taking a fresh look at two previously explored materials: plastics and metals.

TODAY'S ACTIVITIES

1. Compare, contrast and combine

Museum Plaza

Discover why some useful objects are made of plastic versus metal and others are made with both materials.

2. Crafting with metal and plastic

Museum Plaza

Make a seasonal craft that combines metal and plastic.

3. What can you make with metal and plastic?

Dymaxion House, Edison 2 (located behind Lamy's Diner), Driving America (race car section)

Explore these artifacts to discover which innovative objects can be made when you combine metal and plastic, and collect your plastic foam sticker prize.

4. Inspiring stories

Under the DC-3 Airplane

Join our storyteller, who will read stories to inspire your tinkering tot. Today's stories include *What Do You Do with an Idea?* by Kobi Yamada and *The Most Magnificent Thing* by Ashley Spires.

ARTIFACT OF THE DAY

5. Lionel train display

Next to the Allegheny Locomotive

Model trains were developed as a children's toy when railroads were the most important form of transportation in America. The toys were originally made from poured tin or other metal. After plastic was developed, model train makers began to incorporate plastic into their products as a flexible and lightweight material that was combined with metal wheels, engines and other parts.

NEXT MONTH

December 10

Exploring Glass and Metal

Explore some bright ideas as we compare, contrast and combine glass and metal.

