

NAME: _____

MUST-SEES

- Blue cistern
- Reusable plastic containers
- Observation Deck:
 - Living Roof
 - Beehives
 - Crabapple Orchard
 - Light Monitors
 - Pond
 - Photovoltaic Solar Panels
 - Sedum Display & Base Layers
 - Green Screen

GLOSSARY

SWALE: a marshy, low tract of land that manages water runoff

STORMWATER: large quantity of surface water resulting from heavy rain or snow

PHOTOVOLTAIC: the creation of electricity from sunlight

SOLAR PANELS: devices used to convert energy within the sun's rays into electricity

LIVING ROOF: a roof that is made of/ contains plants (like sedum) that help maintain a steady temperature

DRAW WHAT YOU SAW

Draw an advertisement that encourages people to grow or install one of the following in their homes:

1. Solar panels
2. Living roof
3. Beehives

Use the back of this page! →

TEAM UP & TALK

1. How does the living roof help keep the building warmer or cooler?

2. How does the living roof help reduce the impact of stormwater and flooding?

3. List one thing you've seen at the Ford Rouge and explain how it is helping to protect the Earth's resources and environment.

CREATIVE THINKING & PROBLEM SOLVING



What environment-friendly practices have you seen here that you could adapt to your own home or school?



CHAPERONE TIP SHEET

The Henry Ford's History Hunters have been especially aligned to reinforce 21st-century skills, such as creativity and innovation, critical thinking and problem solving, and communication and collaboration. Use this tip sheet to engage students in the learning process.

Please remember that the person who does the work does the learning. Use an asking vs. telling approach.



Here are some questions to ask the students as you visit the Ford Rouge Factory Tour.

At Station 3: Observation Deck

- How did the environment around the Rouge change after it was built? How has it remained the same?
- The majority of cars today are powered by gasoline. What are some other eco-friendly ways that we can power cars?
- What environment-friendly practices can you have at home and at school to help conserve resources?

Station 4: Assembly Plant

- Can you guess how many pounds of aluminum Ford recycles each month during the stamping process for the F-150?

Answer: Ford recycles 20 million pounds of aluminum each month, which is enough aluminum for just over 30,000 F-150 trucks each month.

If the students are having trouble finding the Must-See items, you can guide them to these areas.

- Blue cistern: Just inside the entrance, near the Legacy Theater.
- Reusable plastic containers: These can be found all over the Final Assembly Plant when looking down on the factory floor at each station.
- Observation Deck: If you are having trouble finding the items in this list, be sure to ask the Ford Rouge Factory Tour presenter stationed there.