

HISTORY HUNT #1

investigating MANUFACTURING

NAME(S): _____

LOCATION: FORD ROUGE FACTORY TOUR

to look and listen

1. While watching the film in Station 1, *The Legacy Theatre*, find out:

What were Henry Ford's inspirations for the assembly line?

How did workers assemble cars before the moving assembly line?

How would you describe working at the old Rouge Factory?

2. While watching the film in Station 2, *The Art of Manufacturing*, find out:

How does today's factory look different from the old Rouge Factory?

What are some of the manufacturing steps between designing the car and delivering the car?

3. Explore modern truck production from Station 4, *Final Assembly Plant*, and find out:

What jobs are robots doing?

What jobs are people doing?

How are parts and trucks moving around the plant?

What tests does Ford have to make sure that every F-150 manufactured is of the highest quality?

What observations do you have about the Final Assembly Plant?

to draw or describe

A special feature that you think the F-150 should have.

Fun Facts

There are more than 3,000 parts in an F-150.

The Dearborn Truck Plant has robots so precise that they could thread a needle.

To minimize waste in the plant, car parts are packaged in reusable plastic containers.

to think and talk about

Ford is always working to develop new or more efficient processes to build its vehicles.

What ideas do you have to make it easier to assemble a vehicle?