

# Field Trip Guide

## CREATE.CONNECT



Stop by Create.Connect to learn amazing Indiana stories about aviation, electricity, wind power, and innovation.

### Activities and Guiding Questions

#### Early Aviation

Learn about early flights in Indiana, including what it took to create a working airplane. Design your own glider. Read about aviators with Indiana connections.

- Did your glider that you designed fly? What changes could you make to improve the design.
- What did you learn about one of the aviators from Indiana?

#### Rural Electrification

Find out about electricity coming to Indiana. Build your own working circuit.

- How do you think electricity changed the lives of people in Indiana?
- What did you observe about building a circuit? What worked? What didn't?

#### Wind Power

Explore how wind is used to generate power. Build your own windmill and wind turbine.

- How do wind turbines generate power?
- How does the shape of the blade affect the windmill?

#### Invention

Discover inventors and inventions with Indiana connections and create your own chain reaction machine.

- How could you have improved your design of the chain reaction machine?
- How have inventions improved the lives of people in Indiana and other places?