

# Hawkeye Power Scavenger Hunt



**Grades:** 3-5

## **Purpose of Hawkeye Power Scavenger Hunt**

- The purpose of the Hawkeye Power Scavenger Hunt is to guide students to key components and concepts of the Hawkeye Power Exhibit in the Mobile Museum.

## **Prior to Exhibit Engagement**

- Educator assigns the Hawkeye Power Scavenger Hunt worksheet and allows students time to decipher the clues.

## **During Exhibit Engagement**

- Students identify different components and concepts in the exhibit by following clues they solved on the worksheet.

## **Post Exhibit Engagement**

- Students recall their experience in the Mobile Museum.
- Educator initiates discussion about what the students observed in the Hawkeye Power Exhibit.
- Students discuss the items they found on the scavenger hunt and why the items are important.

## **Post Exhibit Engagement Questions**

- What were the items in the scavenger hunt that you found? (See Teacher Answer Key)
- What are coal and the different types of plants used for?
- Why is there a difference between burning coal and burning some of the plants displayed in the exhibit?
- Explain why scientists are researching different energy methods.

# Hawkeye Power Scavenger Hunt

## Teacher Answer Key

### **Item 1:**

#### **Clue 1:**

*We are in four containers.*

#### **Clue 2:**

*You can burn all of these as a fuel.*

#### **Answer:**

*Any of the Following:*

*Coal*

*Oat hulls*

*Miscanthus*

*Wood chips*

### **Item 2:**

#### **Clue 1:**

*I spin around when my button is pushed.*

#### **Clue 2:**

*I have many blades attached to me.*

#### **Answer**

*Wind Turbine*

**Item 3:**

**Clue 1:**

*We have many compartments to hold different materials.*

**Clue 2:**

We can be used to keep heat in the house.

**Answer:**

*Any of the Following:*

*Recycled Denim*

*Thermal Pane Glass*

*Single Pane Glass*

*Rigid Foam Insulation*

*Cellulose (Recycled Newspaper)*

*Polyurethane Spray Foam*

*Fiberglass Batting*