



UCAR CENTER FOR  
SCIENCE EDUCATION

**SIMPLY SHOCKING**  
**VISUAL SCHEDULE**



# WELCOME TO NSF NCAR

## SCHOOL VISIT RULES

- I will use my inside talking voice.
- I will walk slowly.
- I will stay with my group.
- I will go to the front desk if I get separated from my group.
- I will raise my hand to ask and answer questions.
- I will follow my guide's instructions.
- I will ask an adult if I need help.

# ARRIVING

ACTIVITY

DONE!

**Prepare for the day by sitting in the lobby.**

*My guide will share important information for our visit and may divide us into 2 groups.*



**Walk quietly down the hallway to the Classroom...**



**...or explore Exhibits with my guide.**



# CLASSROOM ACTIVITY

ACTIVITY

DONE!

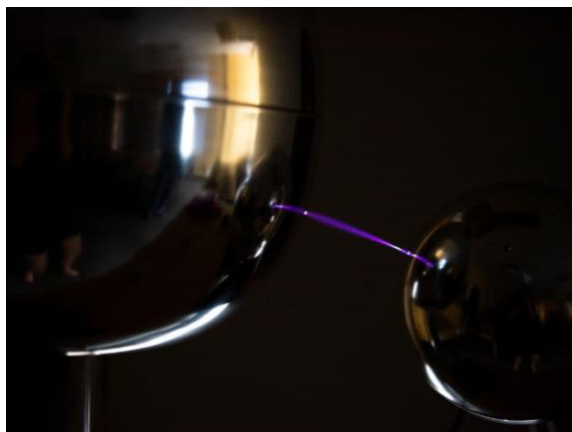
**Find a chair at the table and wait for instructions from my teacher/guide.**



**Watch a video of lightning.**  
*My guide will give instructions on how I can share my thoughts and observations.*



**Learn how the Van de Graaff generator works.**  
*I will watch our guide's demonstration. This activity might be surprising or noisy. If I need to take a break, I can ask an adult.*



# CLASSROOM ACTIVITY

ACTIVITY

DONE!

**Watch the guide do experiments with the Van de Graaff generator.**

*I will watch our guide's demonstration. This activity might be surprising or noisy. If I need to take a break, I can ask an adult.*



**Learn more about lightning.**

*I can raise my hand to ask and answer questions.*



**Experiment with fleece cloth, an aluminum tin and styrofoam plate.**

*My guide will give instructions. I will work with a partner.*



# CLASSROOM ACTIVITY

ACTIVITY

DONE!

## Make lightning in a neon tube.

*I can ask an adult to touch the tube to my aluminum tin. It may take a few tries to see what happens. It may be surprising.*



## Learn about thunder and how it's made.

*My guide will give instructions for this activity. They may turn off the lights, flashlights, and make loud noises.*



## Play a trivia game about lightning safety.

*My guide will give instructions for this activity. I will work with a group.*



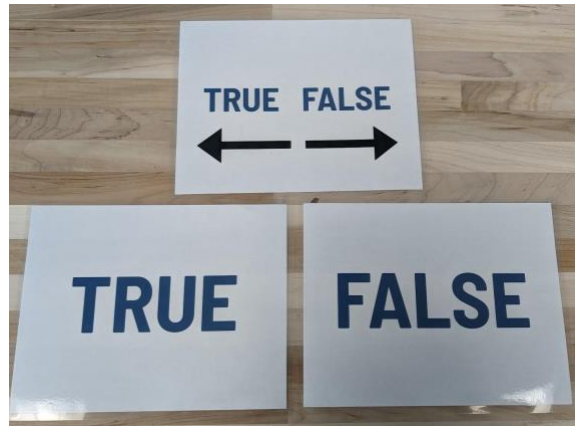
# EXHIBITS TOUR

ACTIVITY

DONE!

## Play a trivia game about lightning.

*My guide will give instructions for this activity. I will move my body to show my answer to the question.*



## Explore exhibits with our guide.

*The exhibit rooms are big with a lot to see. I will explore quietly and stay with my group.*



**I might see some of these exhibits with our guide or on my own:**

## Sea of Clouds

*I can touch a cloud! It might feel cold or warm.*



# EXHIBITS TOUR

ACTIVITY

DONE!

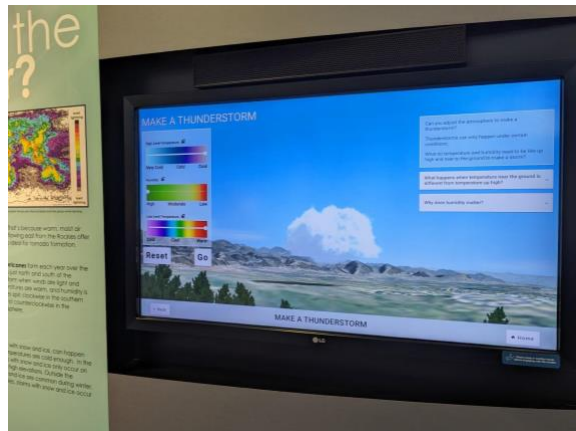
## Sun Powering Weather

*How does the water get up into the air?*



## Thunderstorms

*How are thunderstorms made?*



## Hail

*What does hail feel like?*





# EXHIBITS TOUR

ACTIVITY

DONE!

## Lightning

*Explore "lightning" in the tube.*



## Tornado

*What do we observe about the tornado?*



## Theater

*I can watch a video about the weather. It may be loud.*



# LUNCH

ACTIVITY

DONE!

**Eat lunch in the cafeteria...**



**...or outside in the tree plaza.**



**Explore the exhibits and/or outdoor hiking trails if there is time before my group leaves.**

