



**UCAR CENTER FOR  
SCIENCE EDUCATION**

**WHAT'S UP WITH CLIMATE CHANGE?  
GRADES 6-8 VISUAL SCHEDULE**



# WELCOME TO 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**

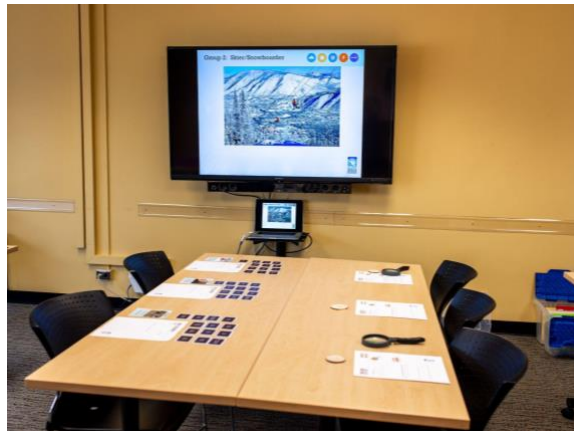


# CLASSROOM ACTIVITY

ACTIVITY

DONE!

**Find a chair at the table and wait for instructions.**

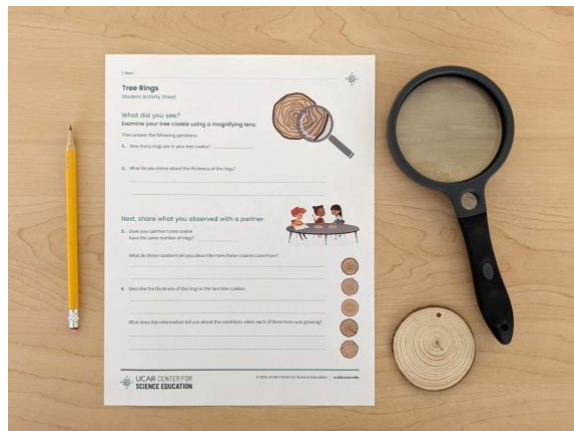


**Learn about the Earth's climate and how it is changing.**

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



**Examine tree rings for clues about changing climate.**





# CLASSROOM ACTIVITY

ACTIVITY

DONE!

**Learn about impacts of climate change in Colorado.**



**Play the *What's the Impact* game.**

*Our guide will give us instructions for this activity. I will work with my group to answer the questions.*



**Watch a video.**

*Learn about different things that NCAR climate researchers study.*



# CLASSROOM ACTIVITY

ACTIVITY

DONE!

**Discuss solutions to climate change.**



**Draw a climate change solution.**

*I can use colored pencils to draw on the paper. I can ask an adult if I need help. I can hang up my card in the climate change exhibit.*



# EXHIBITS TOUR

ACTIVITY

DONE!

## 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:

### Sun Powering Weather

*How does the climate system work?*



### Weather and Climate

*Weather and climate change over time.*



# EXHIBITS TOUR

ACTIVITY

DONE!

## How Climate Works

*A blanket around the world.*



## Carbon Dioxide

*Explore measurements of carbon dioxide in the atmosphere.*



## Ice Core

*How do we know about past climates?*





# EXHIBITS TOUR

ACTIVITY

DONE!

## Tree Ring

*What can trees tell us about past climate?*



## Choose our Future

*What can we do to reduce the amount of carbon dioxide we emit?*



## Impacts of Climate Change

*How does climate change impact people and places around the world?*



# EXHIBITS TOUR

ACTIVITY

DONE!

## Climate Stories

*I can hang up the card I created in the classroom here. I can also answer the question prompt at this station and hang it up.*



## Sea of Clouds

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



## 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.**

