

# WHAT'S UP WITH CLIMATE CHANGE? GRADES 4-5 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

# 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







DONE!

# **CLASSROOM ACTIVITY**

### ACTIVITY

#### Find a chair at the table and wait for instructions from my guide.



# Learn about the Earth's climate and greenhouse gases.

I can raise my hand to ask and answer questions.



# Play a game about greenhouse gases.

Our guide will give us instructions for this game. I will work with my group to play the game.



# **CLASSROOM ACTIVITY**

## ACTIVITY

# Learn about impacts of climate change in Colorado.





# 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.



#### ACTIVITY

#### 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?





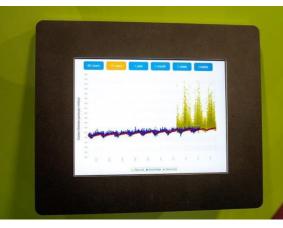
<text>

Weather and Climate Weather and climate change over time.

## ACTIVITY

**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?

## ACTIVITY

#### DONE!

**Tree Rings** What can trees tell us about past climate?









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



## 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







...or outside in the tree plaza.

We might explore the exhibits and/or outdoor hiking trails if there is time before my group leaves.

