



# Community Day

7<sup>th</sup> Grade

# COMMUNITY AGREEMENTS

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## BE YOUR BEST SELF

### Be curious!

- Ask questions, make observations, and share your thoughts and ideas.

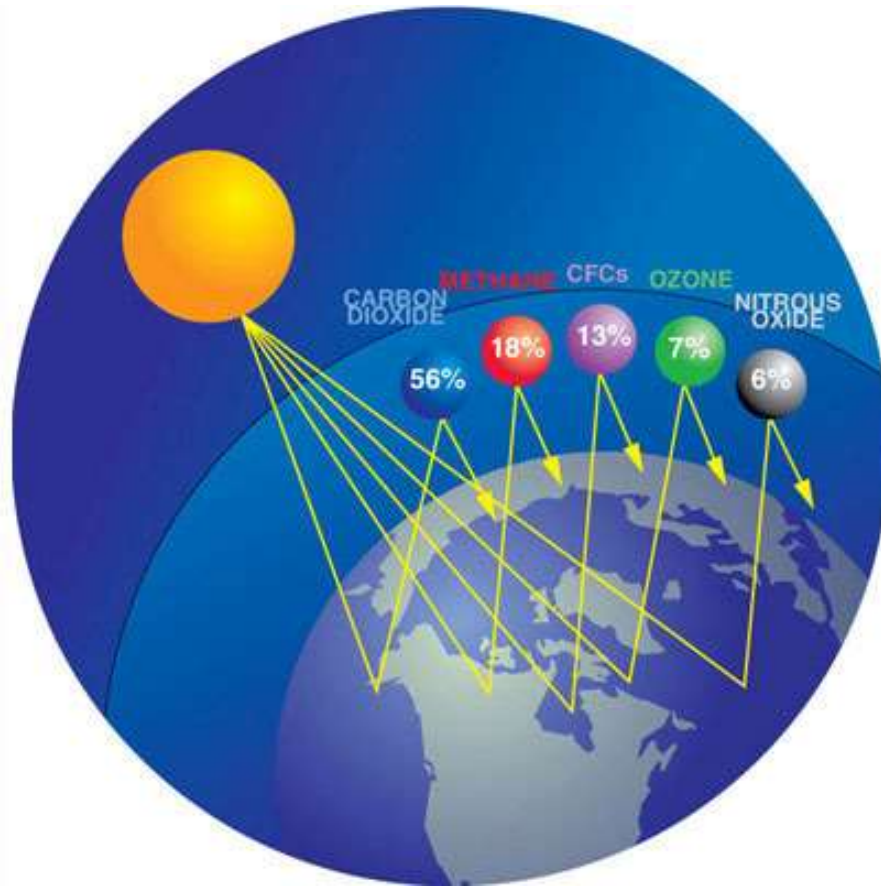
### Be respectful!

- Respect people, living things, and the environment around you.

### Be safe!

- Take care of yourself and others.

# CLIMATE CHANGE 101: ATMOSPHERIC GASES



Atmosphere is made up of gases. This is natural.

# CLIMATE CHANGE 101: EARTH'S BLANKET

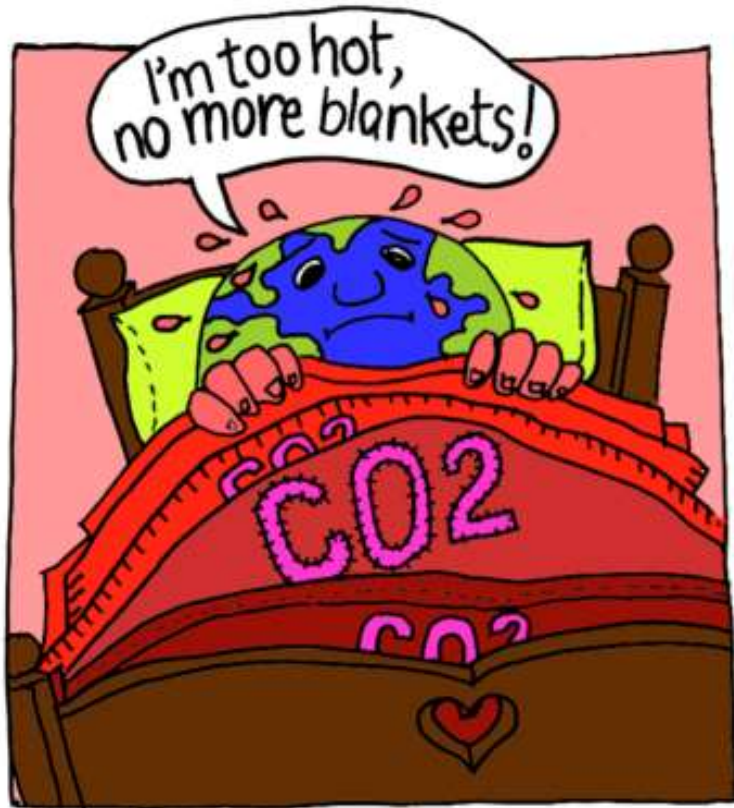
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The gases in the atmosphere trap the sun's heat.

This is natural.

# CLIMATE CHANGE 101: EARTH GETTING HOTTER



Some CO<sub>2</sub> is natural.

Too much CO<sub>2</sub> is problematic.

**Climate Change**: A change in climate patterns due to the increased levels of carbon dioxide (CO<sub>2</sub>) produced by the use of fossil fuels.



# CLIMATE CHANGE 101: NEGATIVE EFFECTS



## FREE WRITE

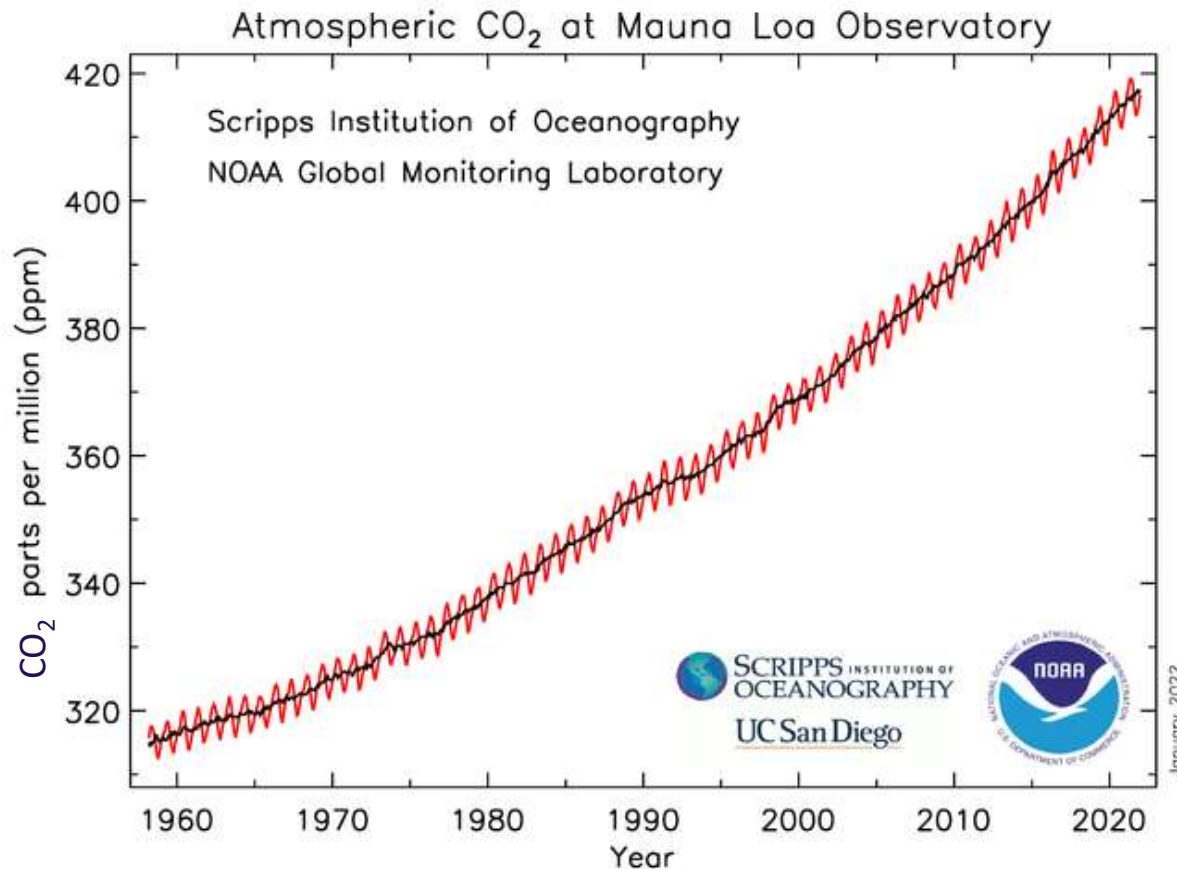
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# What does climate change mean to you?

What words come to mind when you hear climate change?  
Have you noticed climate change somewhere? In what way?  
Is climate change something to be concerned about? Why?

- Write words, phrases, or bullet points.
- Write without stopping!
- Spelling and grammar don't count!
- No answer is wrong! Just write- no one will see what you wrote but you.

## CO<sub>2</sub> LEVELS FROM MAUNA, LOA



What does this graph tell you about CO<sub>2</sub> levels?



# HUMANS AND CO<sub>2</sub>

## SOURCES OF CO<sub>2</sub>



- Electricity
  - Cell phones
  - Computers
  - Appliances (refrigerator, washer, dryer, stove, etc.)
  - A/C or heating



- Fuel for Transportation
  - Cars
  - Airplanes
  - Buses
  - Trains
  - Motorcycles

## HUMANS AND CO<sub>2</sub>

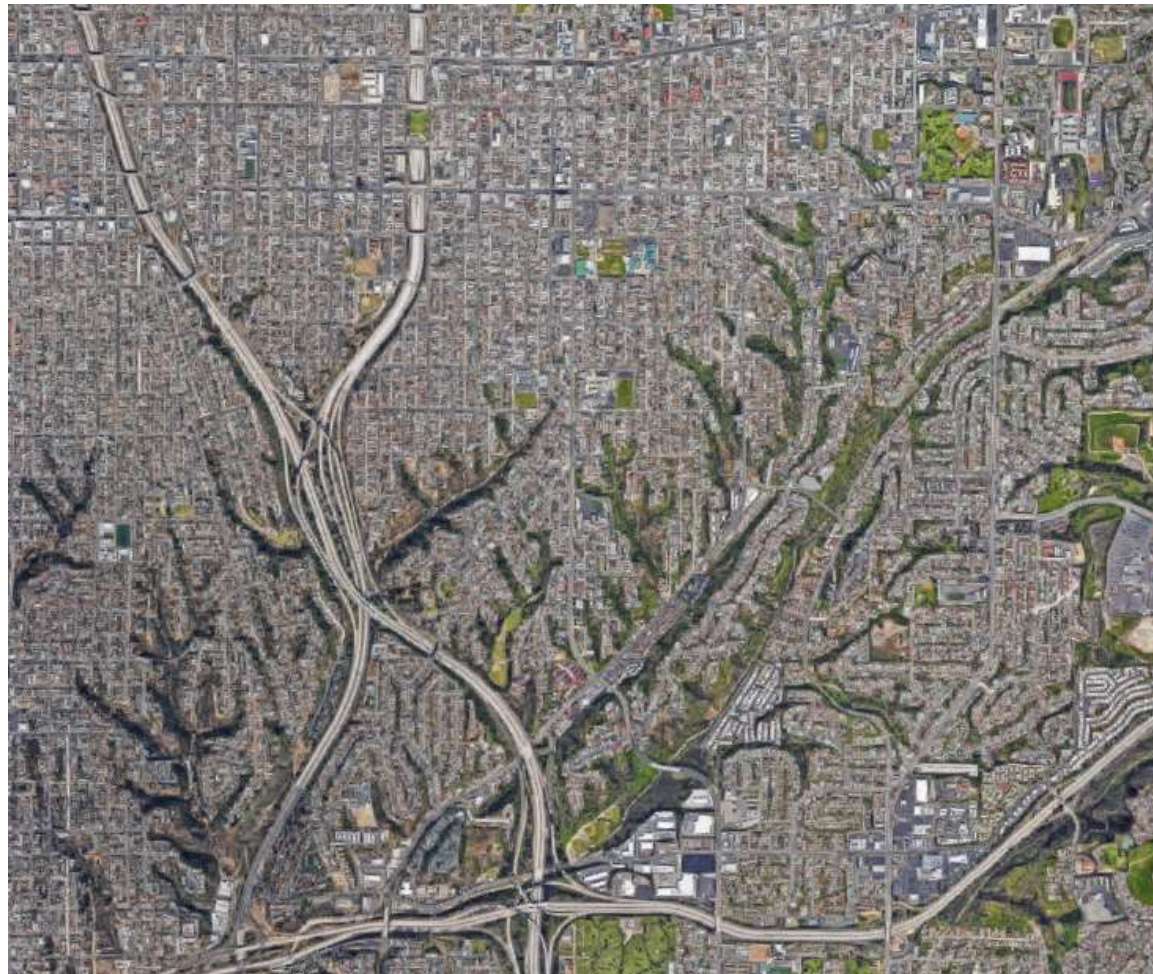


To create electricity or power a vehicle we must burn fossil fuels.

Burning fossil fuels puts more CO<sub>2</sub> into the atmosphere.

Remember more CO<sub>2</sub> into the atmosphere means a warmer Earth.

## CITY HEIGHTS, CA





## RICHMOND, CA





## NEW YORK, NY





## WORD CLOUD: EXAMPLE

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GO AWESOME

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BELIEVE! ACHIEVE! LEAD!  
GO AWESOME!!!





THANK YOU!