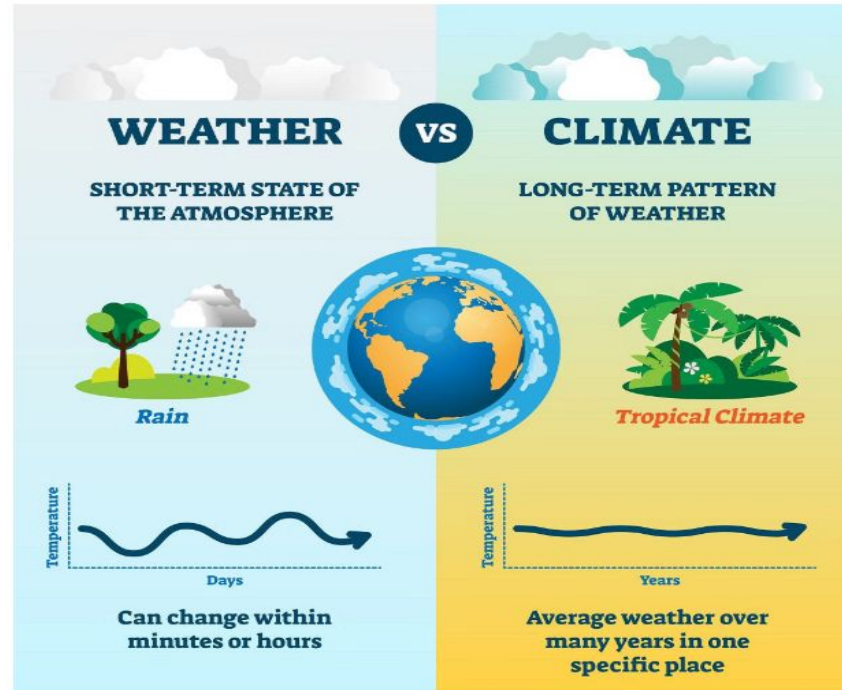




The Climate Challenge: Exploring Earth's Future

Sehrish Muluk

Weather vs Climate

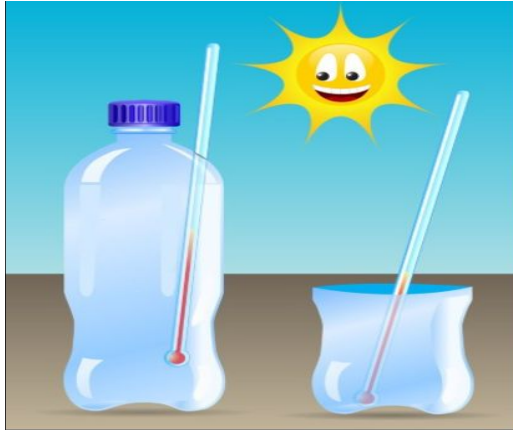


Weather Patterns



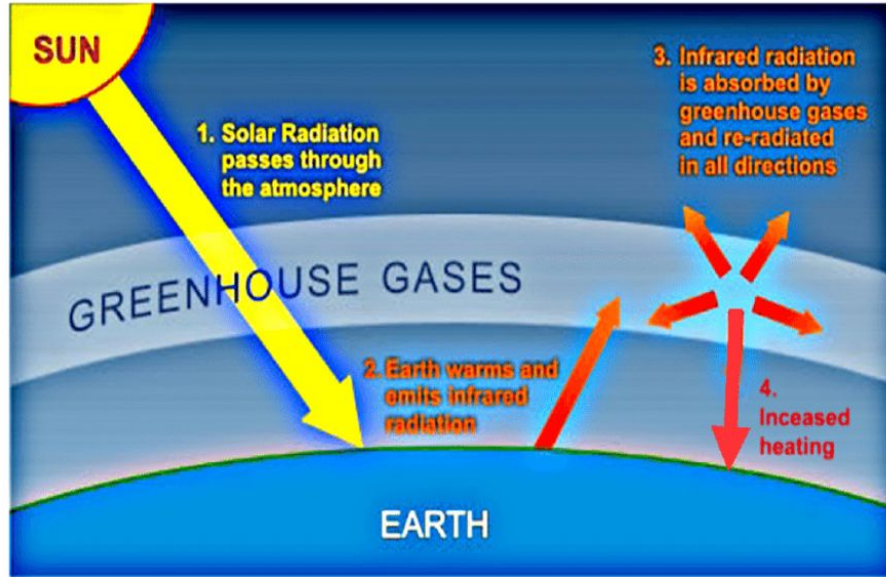
Have you noticed changes in weather patterns or seasons where you live?

Exploring the Greenhouse Effect: A Hands-On Experiment to Understand Earth's Warming



- **Pre-Experiment Question:** What do you think will happen to the temperature in the sealed bottle compared to the open bottle? Why?
- **During the Experiment:** What differences do you notice in the temperature readings of the sealed and open bottles?
- **Post-Experiment Question:** Why was there a temperature difference between the sealed and open bottles?

Greenhouse Effect Experiment



Climate Change and Collective Responsibility

Understanding Human Impact on Natural Systems and Inspiring Global Action



Personal Reflection



- What do you already know about how climate change impacts polar ice caps, floods, and ecosystems?
- How are human activities contributing to these environmental changes?
- Empathy: How would you feel if your local environment were as affected as the areas shown in the images?
- Responsibility: What actions can you take to reduce your impact on the environment?

Taking Action

Empowering Students to Reduce Carbon Footprints Through Local Solutions and Goal Setting



Your small steps matter.

Every small step we take at home, from turning off unnecessary lights to reducing waste, contributes to a healthier planet.

Short Individual Activity

My actions to tackle climate change	
Things I can do for our planet	Things we can do for our planet

Global Impact, Local Responsibility

Understanding the Interconnectedness of Climate Change and Its Unequal Burden



**Climate change affects us all,
but not equally**

Reflection and Closing

Name: _____

3-2-1 REFLECTION

3 Things I Learned



1. _____

2. _____

3. _____

2 Things I Found Interesting



1. _____

2. _____

1 Question I Still Have



1. _____

My Green Commitment Card



My Sustainability Pledge

To help protect the environment I pledge to

Date _____ Signed _____

 ink

Thank You!

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