



TNG
The Next Generation
School



CLIMATE CHANGE

Our Climate, Our Future

Youth Leadership Program 2022-23

TNG Wakra Primary & Secondary

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Class 4A



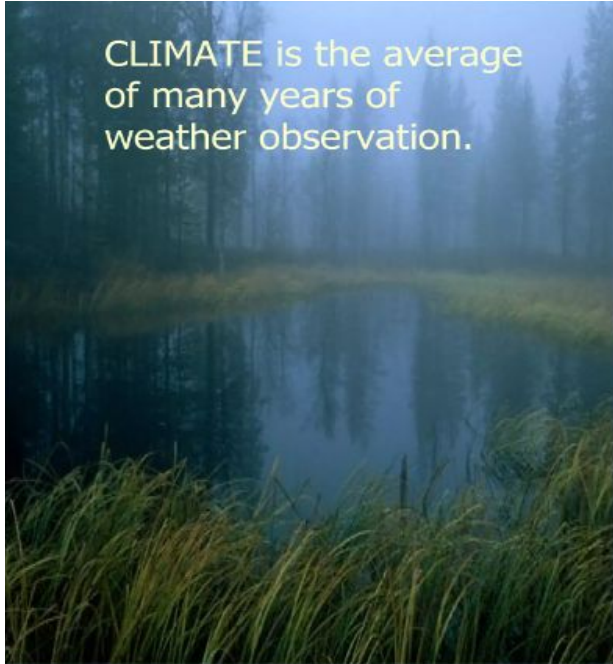
**First of all, you should know
that weather and climate
are not the same thing.**

WEATHER IS:

- Short term
- Limited area
- Can change rapidly
- Difficult to predict

A photograph of a white and brown cat peeking over a white blanket. The cat's face is visible above the blanket, and its eyes are looking directly at the camera.

WEATHER is what's
happening outside your
window right now.

A photograph of a misty forest scene. The trees are dark and silhouetted against a light, hazy background. The foreground shows some tall grasses.

CLIMATE is the average
of many years of
weather observation.

CLIMATE IS:

- Long term
- Wide area
- Seasonal changes
- Measured over long spans of time

What Is Climate Change?

Climate change is a change in the average temperature and cycles of weather over a long period of time.



What Causes Climate Change?

The rapid climate change we are experiencing now is due to three main human activities:

- **Burning fossil fuels**
- **Deforestation**
- **Reduction of biodiversity**



Deforestation for future agriculture plantation-Tahuamanu Province, heading to Centro Poblado de Alerta - Madre de Dios Region, Peru by © Nicolas Villaume / WWF-US licensed under CC BY



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Why Is Climate Change a Problem?



A stable climate supports this process and allows living things to thrive. If the climate changes quickly, organisms don't have enough time to adapt to new conditions and may no longer be able to survive.

Why Is Climate Change a Problem?

Climate change disrupts weather patterns and causes extreme weather events to become more common. These include hurricane activity, droughts and floods.



Why Is Climate Change a Problem?

Rising temperatures are causing sea levels to increase.

The rising water can cover coastal areas, destroying habitats and displacing whole populations from low-lying areas.



Who Can Fix It?

Governments can make laws and policies that reduce the amount of greenhouse gas emissions.

Businesses can change their processes to run more sustainably.

We can all make choices in our own lives that reduce our carbon footprint (the impact our actions and purchases have on climate change).

We can also use our voices to let businesses and governments know that we want them to act quickly to reduce their impact on climate change.



What Can We Do?

Speak Up

We can make sure that world leaders know we are counting on them.

We can also reach out to businesses and our local council if we feel like they need to do things differently too.

Act

As a school community, we can help in the fight against climate change and biodiversity loss by improving the sustainability of all aspects of our school life.

The changes that we make as a school are seen by lots of people in our local community. This means that we can influence positive change to spread through society.





THANK YOU

By Zara Habib