KIDS, WAAYU& CLIMATE CHANGE

: HEATWAVE STRIKES



Dr. Ravindra Khaiwal

Dr. Suman Mor



KIDs, VAAYU & CLIMATE CHANGE

HEATWAVE STRIKES

(A COMIC TO BEAT THE HEATWAVES THROUGH SIMPLE PREVENTIVE MEASURES)

Climate change is often linked with ecosystem destruction, but it also directly affects our lives & our health. Climate change has increased the frequency of natural disasters such as droughts, floods & heatwaves. Globally, we are now observing the increased frequency, duration & intensity of heatwaves.

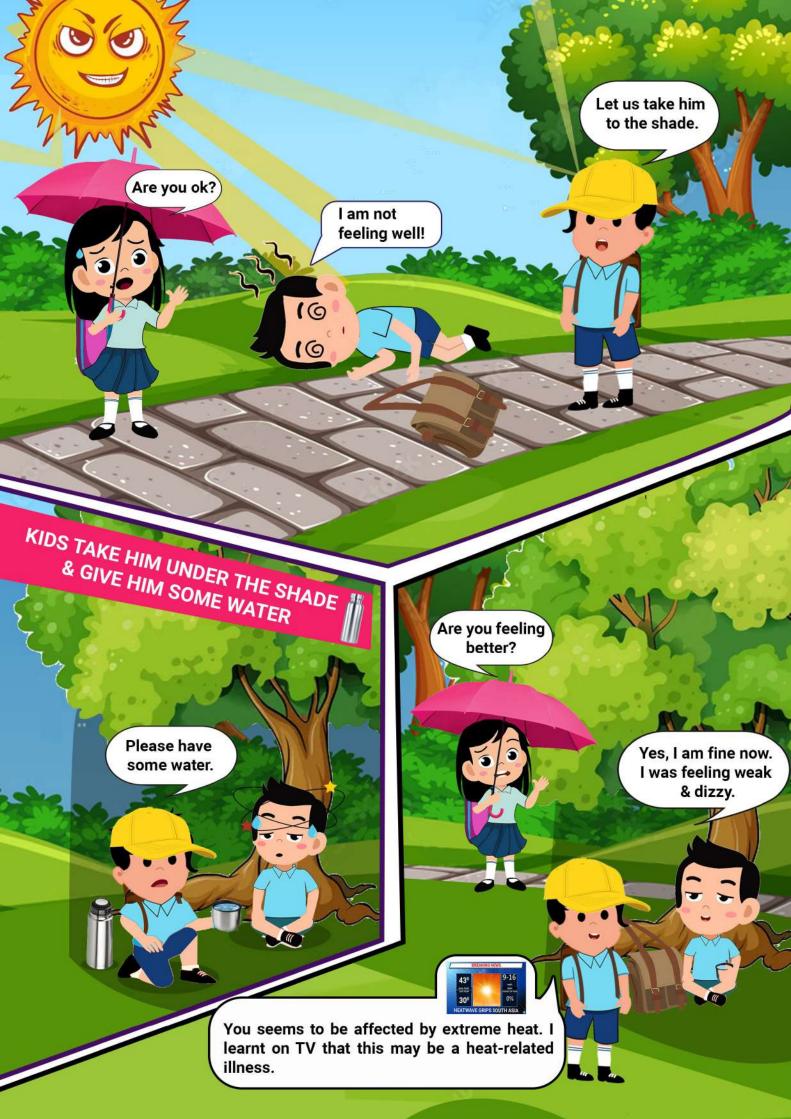
We have specific definitions of heatwaves. Generally, uncharacteristically high temperatures & other meteorological parameters help to build heatwaves. Every year heatwaves claim thousands of life but do not get much attention as other disasters. Hence, heatwaves are known as silent killers.

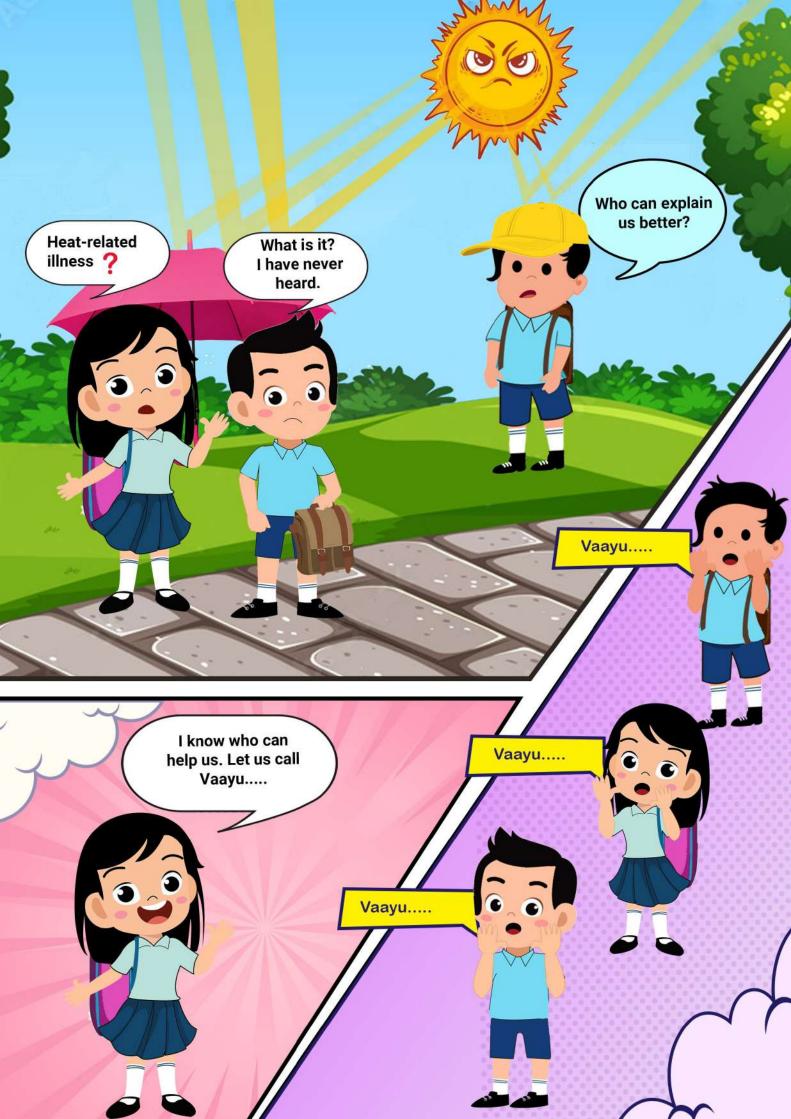
Heatwaves could lead to heat-related illness. These adverse health conditions vary from minor symptoms such as excessive sweating to heat exhaustion & potentially fatal heat-stroke. Heatwaves are also linked with respiratory & cardiovascular disease, kidney disorders & mental health issues. This increased burden of heatwave-related morbidity & mortality could be minimized through proper adaptation & mitigation strategies.

Considering this, PGIMER-Chandigarh & Panjab University-Chandigarh created a new comic series on KIDs, VAAYU & CLIMATE CHANGE. This comic focuses on what is heatwaves & heat-related illnesses. Further, it educates children & general public about the symptoms of heat-related illnesses & how to minimize them to achieve the goal of ZERO heatwave-related deaths.







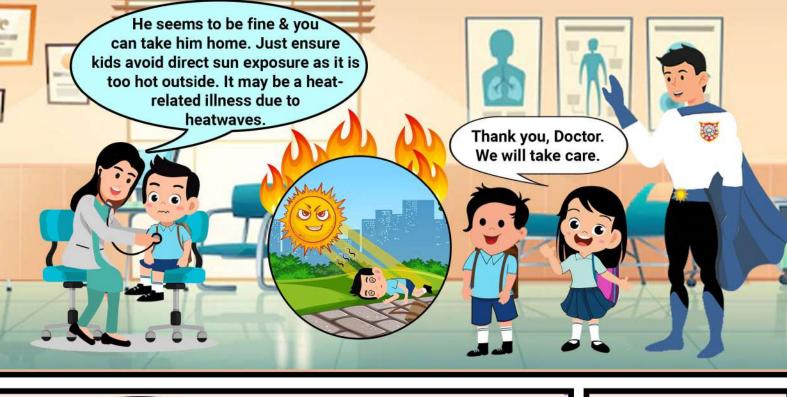






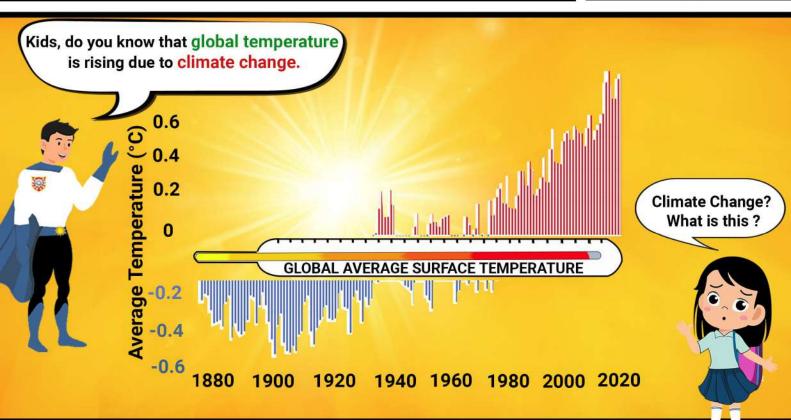


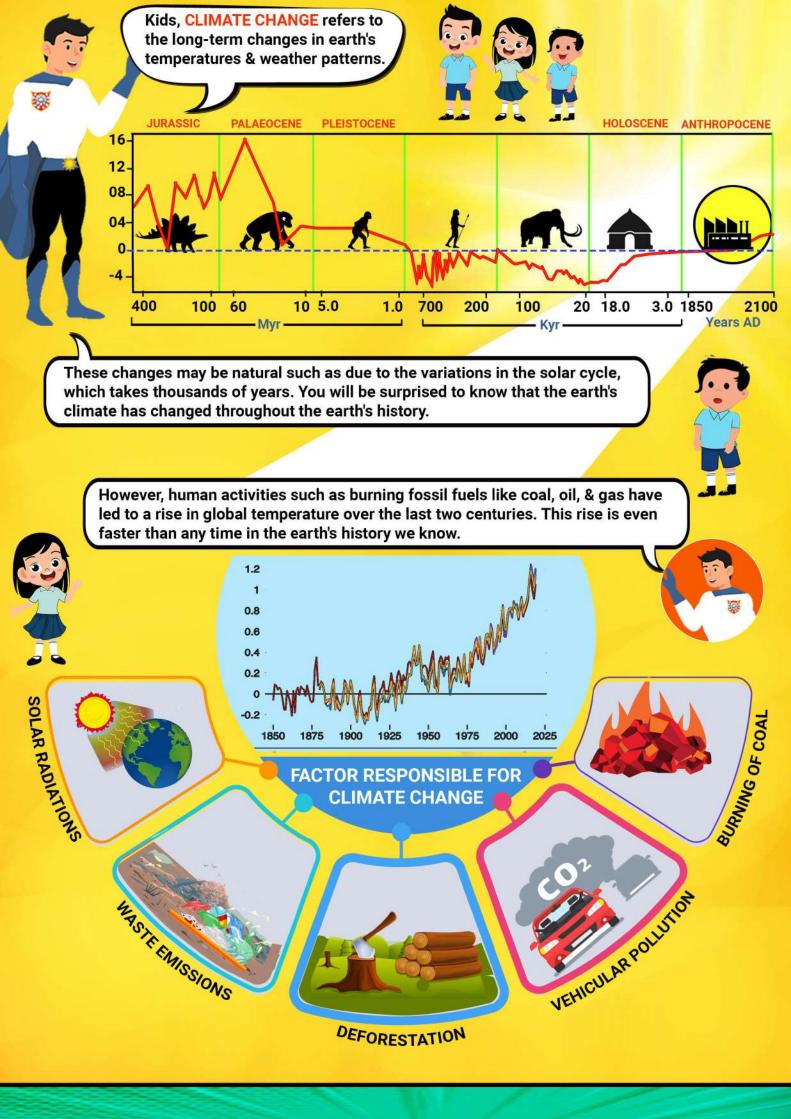


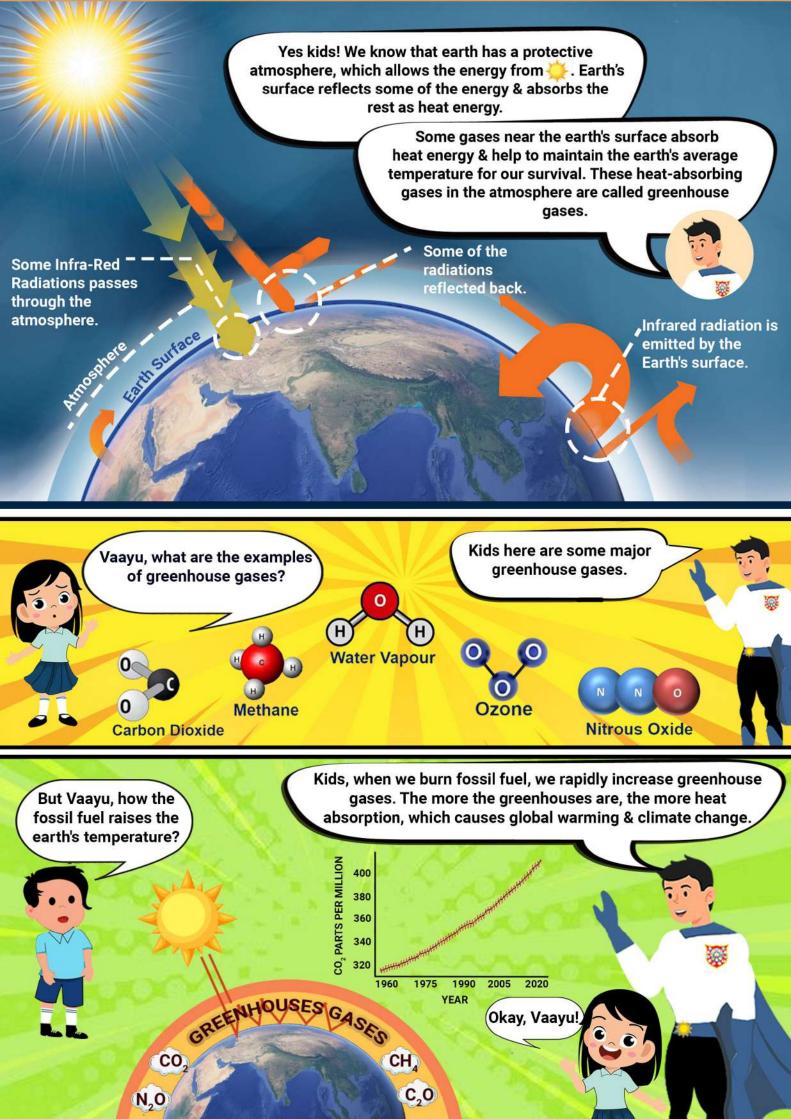


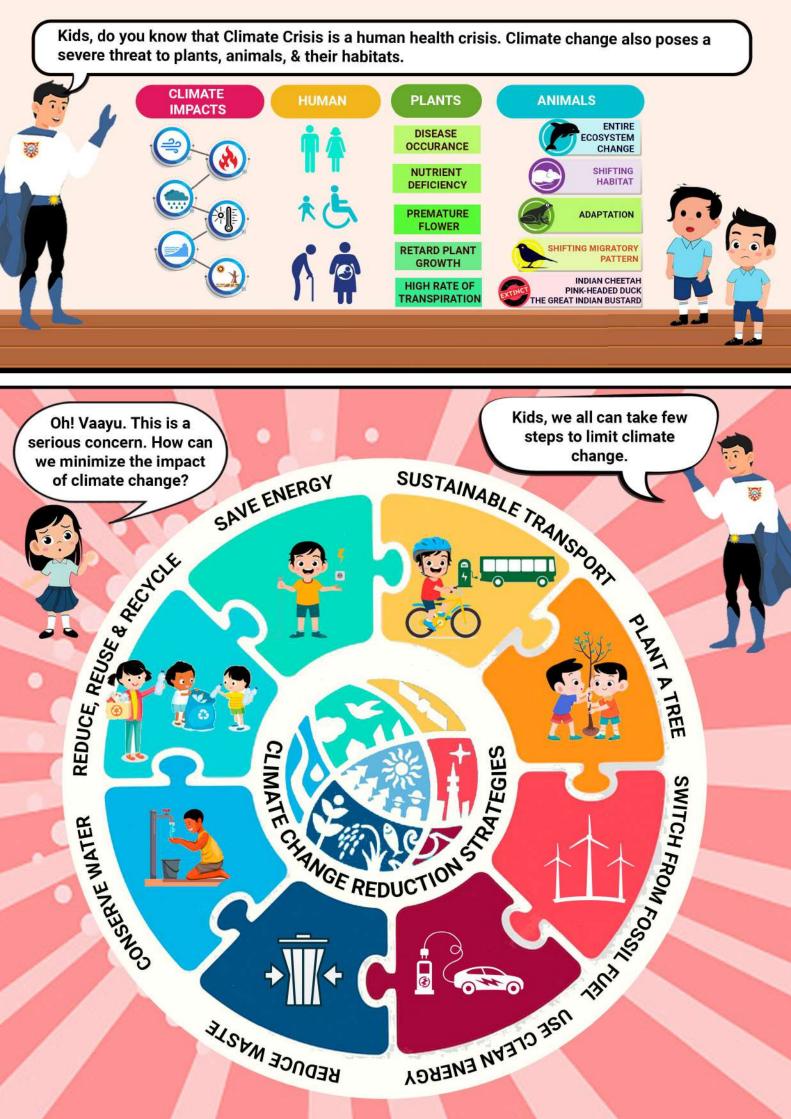














ॐ द्यौः शान्तिरन्तिरक्षं शान्तिः पृथिवी शान्तिरापः शान्तिरोषधयः शान्तिः वनस्पतयः॥ Om, Peace is in Sky, Peace is in Space

Om, Peace is in Sky, Peace is in Plants.

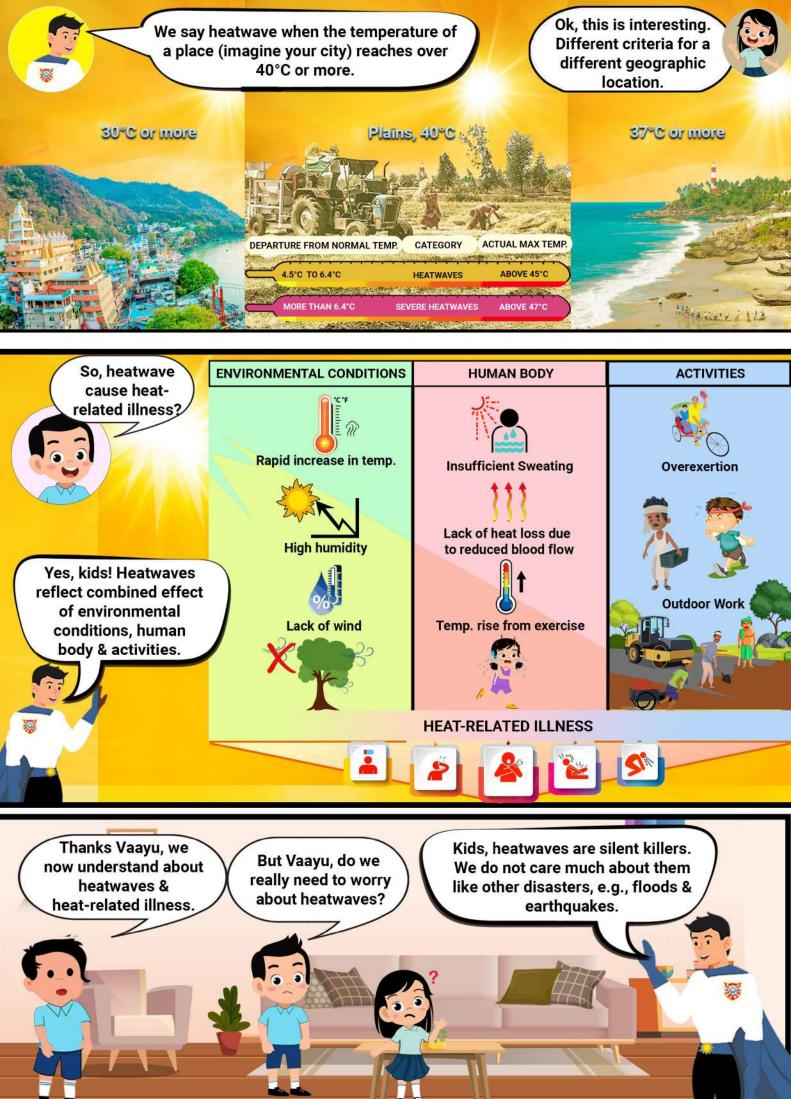
Peace is in Earth, Peace is in Water, Peace is in Plants.

But Vaayu, you did not explain heatwave & heat-related illness to us?



Thanks, Kids for reminding me. I will explain.









Kids, below are the symptoms of heat-related illness.













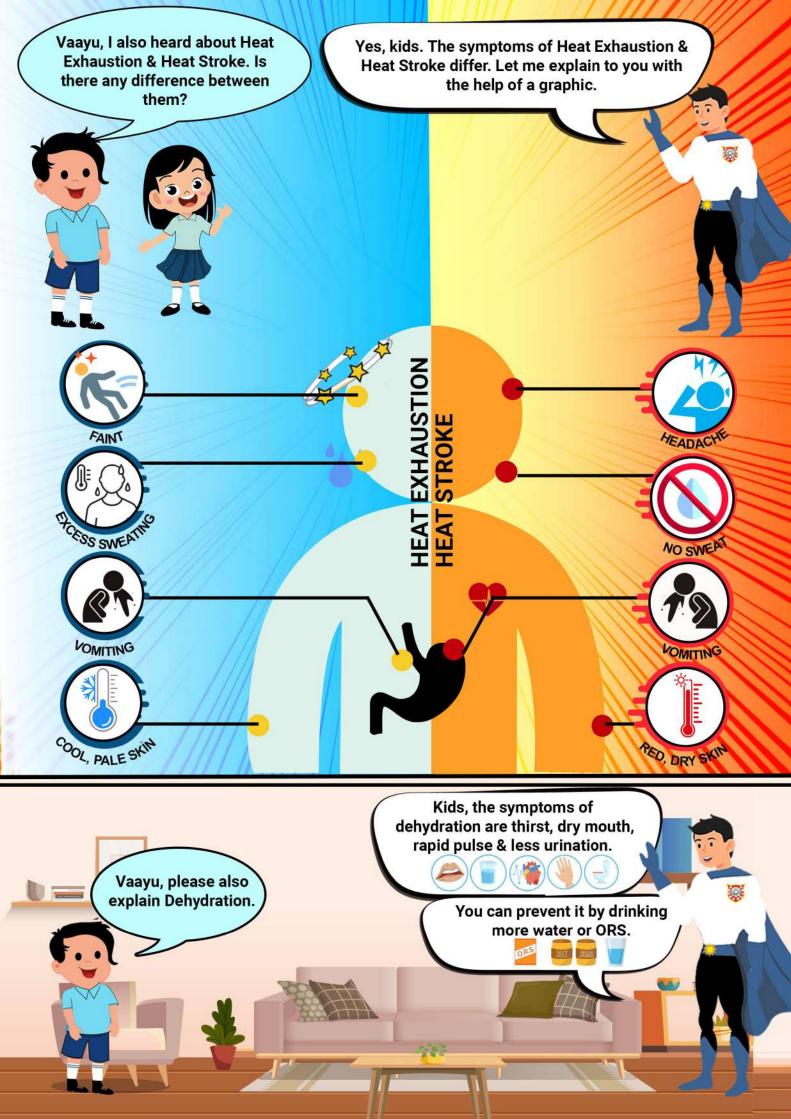
















Vaayu, what if we need to go out during the peak sun hours. Can we also take other measures?

Very good question. Here are a few tips to beat the heat















CARRY YOUR OWN WATER BOTTLE

CARRY YOUR OWN UMBRELLA

PROTECT YOUR HEAD FROM SUNLIGHT

WEAR FULL SLEEVES & LOOSE CLOTH

EAT LIGHT FOOD

DON'T SIT IN PARKED CAR

Recently our government issued guidelines to beat the heatwaves.

ENSURE COLD WATER FACILITY IN SCHOOL & COMMON PLACES





SCHOOL SHOULD HAVE





POWER BACKUP

CLEAN TOILETS

NO DIRECT SUNLIGHT



FOOD SHOULD BE FRESH



PM FOOD JAANCH

FOOD SHOULD BE WARM



SUPERVISOR TO EAT **BEFORE SERVING**







PUBLIC PLACES



DON'T LEAVE KIDS IN PARKED CAR



USE SUNSCREEN



STAY INDOOR **DURING PEAK HOUR**



UNIFORM



WEAR LIGHT SHOES







COVER YOUR HEAD WHEN YOU GO OUT ON **BICYCLE**



CHECK WEATHER FORECAST





















KIDs & ZERO HEATWAVE DEATHS

Climate change is adversely affecting our earth. We are seeing an increased frequency of extreme weather phenomena, including extreme heat or cold. There is scientific evidence that climate change & heatwaves are interlinked.

Heatwaves are silent killers & considering this, India adopted a vision of ZERO heatwave deaths. Kids could play a vital role in creating awareness about heatwaves & helping to prevent heat-related illnesses & deaths. This comic guides how we can beat the heat through simple preventive measures.



Concept, Script & Idea



Dr. Ravindra Khaiwal
Professor of Environment Health
Department of Community Medicine & School of Public Health
PGIMER, Chandigarh,160012, India
khaiwal@yahoo.com, khaiwal.ravindra@pgimer.edu.in



Dr. Suman Mor
Chairperson
Department of Environment Studies
Panjab University, Chandigarh ,160014, India
sumanmor@yahoo.com, sumanmor@pu.ac.in

Contribution



Lakshya Khaiwal, Government Model Sr. Sec. School, Chandigarh, India



Aaditya Khaiwal, Ankur School, Chandigarh, India

No reproduction or print allowed without permission.

ISBN: Applied

First Addition: June 2022

