



STEAM4CLIMATE WEBINAR FOR TEACHERS NO. 1

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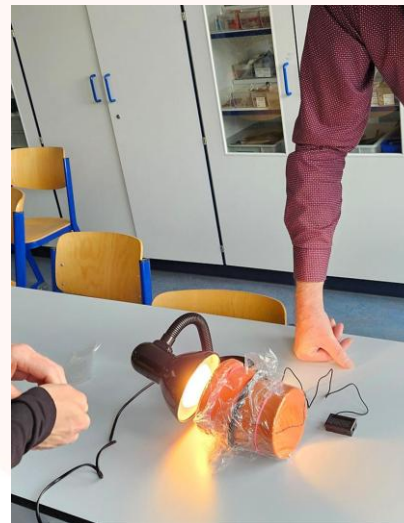
1. MEASURING CO2 HEATING EFFECTS

the heat-retaining effect of carbon dioxide can easily be measured by young pupils. you will learn how your students can do this in the classroom.



2. WET BULB TEMPERATURE

the human body tolerates a maximum of 31°C on its surface without damage. when temperatures outside are extreme, how long does it make sense to sweat?





SOME HEADLINES FROM 2024

... to be continued 2025, 2026, ..."



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China hit by searing temperatures as Asia braces for extreme summer

By Reuters

June 12, 2024 5:07 AM GMT+2 · Updated a month ago



42°C



Cracks run through the partially dried-up river bed of the Gan River, a tributary to Poyang Lake during a regional drought in Nanchang, Jiangxi province, China, August 28, 2022. REUTERS/Thomas Peter/File Photo [Purchase Licensing Rights](#)

BEIJING, June 12 (Reuters) - Temperatures are hitting record highs in parts of north and central China this week while a severe drought in the east is also threatening crops, as countries across Asia brace themselves for another summer of extreme weather.

China is facing several days of scorching heat, with temperatures set to reach as high as 42 degrees Celsius (107.6°F) in northern Hebei province on Wednesday, the state weather forecaster said.



IT IS GETTING HOTTER
EVERY YEAR...

“This year will be the
coolest summer for
the rest of our
lifetime ...”



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Greece and Türkiye: Will this be Europe's hottest summer?



By Euronews Green

Published on 17/06/2024 - 18:00 GMT+2 • Updated 18/06/2024 - 15:41 GMT+2



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Comments

Italy is set to see temperatures of 42-44C this week.

Heatwaves across Cyprus and Greece have left multiple people dead with Türkiye battling wildfires as temperatures soared above 40C.

Parts of southern Europe have sweltered in record temperatures as warm air was blown

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Hajj

At least 1,300 hajj pilgrims died during extreme heat, Saudi Arabia says

Riyadh says more than four-fifths did not have permit to make pilgrimage to Mecca, where temperatures hit 51.8C

52°C



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📷 Pilgrims arrive to take part in the 'stoning of the devil' ritual in Mina. Photograph: Fadel Senna/AFP/Getty Images

Agence France-Presse in Riyadh



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Heat waves across Asia stoke health concerns, food security fears

Record temperatures affect people's daily lives, have impact on agriculture, highlight climate change challenges

53°C

By Xu Weiwei in Hong Kong, Arunava Das in Kolkata, India, Kaswar Klasra in Islamabad, Arunava Das and Kaswar Klasra | China Daily | Updated: 2024-07-08 07:19



Boys cool themselves under a water tap on a street in Jalandhar, India, on June 13, amid the ongoing heat wave. SHAMMI

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52°C 53°C
42°C

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WHEN IS TOO MUCH REALLY TOO MUCH?