EARTH STATS

For classrooms

earthstats.in

A free, live 3D globe of the planet's numbers: carbon, forests, water, energy, people and every country, each linked to the organisation that published it. No accounts, installs or student data.

SHOWING IT

Projector or smart board
Open earthstats.in full screen. Live moves through the stats on its own and turns the globe.

Students' phones
Everything works on a phone. Activities 2 to 4 work well in pairs.

School website
Embed any single live number from a stat's page (Share, then Embed).

FOUR TEN-MINUTE ACTIVITIES

1. Guess first

Ages 11 and up

Ask: how many babies have been born in the world today? Everyone writes a guess, then open the live number together.

Talk about why the guesses were so far off, and which number surprised the class most.

earthstats.in/births-today

2. Then & Now detective

Ages 13 and up

Each group takes one story: CO_2 in the air, Arctic sea ice, the price of solar panels or child mortality.

Find the years the line changed fastest and explain what happened around then, in one minute each.

earthstats.in/then-and-now

3. My country and the world

Ages 13 and up

Open India's page next to the world totals. What share of the world's people live in India? What share of the CO_2?

Per person, is India above or below the world average, and why might that be?

earthstats.in/countries/india

4. Spend the carbon budget

Ages 15 and up, and college

In pairs, spend the CO_2 the world can still release for a 50% chance of staying under 1.5 °C.

Then discuss: what did you give up first? Who should decide how the budget is shared between countries?

earthstats.in/spend

BEFORE YOU START

Sensitive numbers. Some stats count deaths, hunger and disease, including deaths of young children. You may want to preview the Health and Food categories before showing younger students.

Estimates, not measurements. Live numbers spread published yearly figures over time. earthstats.in/about names the source of every figure and explains how.

Free for schools, colleges and organisations. Please credit: Earth Stats (earthstats.in)

Used it in class? hello@earthstats.in