ECO CUBE

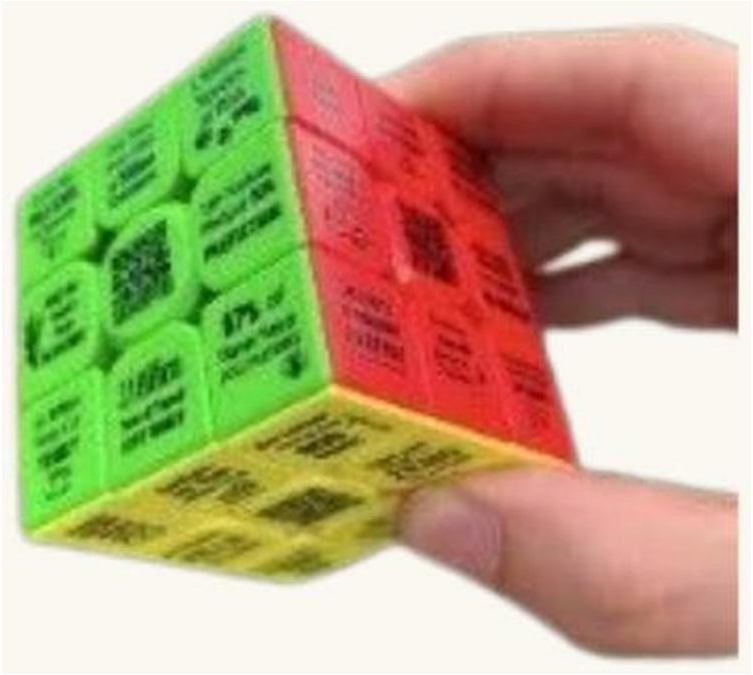
Solve the Cube, Save the Planet

A speed cube that teaches climate change.

Oct 22
George Balian-Leverette



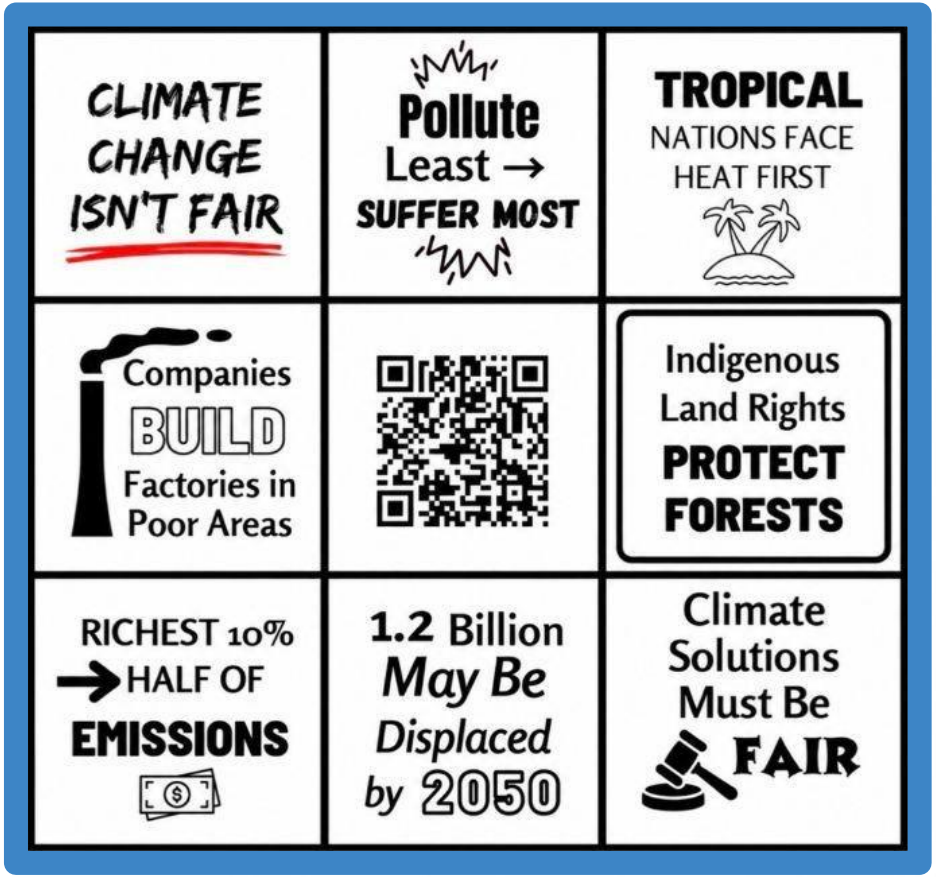
What is the Eco Cube?



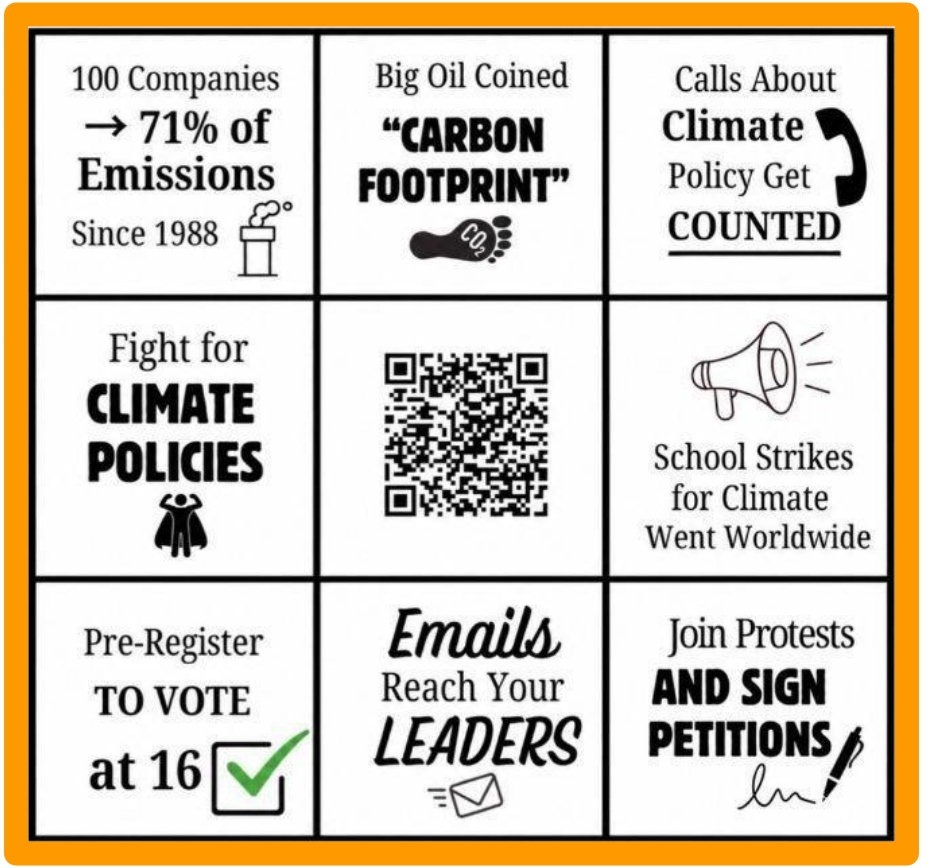
A speed cube that teaches climate change and climate activism. The cube is covered in facts, statistics, and actions, and every side has a QR code linking to more information

Global Warming	Renewable Energy
Biodiversity	Activism
Climate Justice	Solving the Cube

CLIMATE JUSTICE



ACTIVISM



GLOBAL WARMING

CO2 **TRAPS HEAT**	Over 1.3°C **HOTTER ALREADY**	**HOTTEST DECADE** ON RECORD
MELTING ICE RAISES SEA LEVELS		**HEAT FUELS WILDFIRES** and **FLOODS**
THE ARCTIC IS WARMING **FASTEST**	Warming **Spreads** Mosquito Diseases	Thawing Permafrost Releases Trapped **METHANE** CH_4

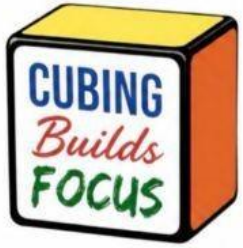
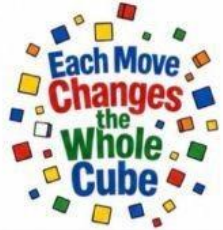
BIODIVERSITY

Earth Has **MILLIONS** of Species	One Heat Wave Killed **a Billion Creatures**	1 Million Species at Risk
Half the World's Reefs BLEACHED		190 Nations Pledged **30%** **PROTECTION**
15 Billion Trees Cut **YEARLY**	24 Billion **Tons of Topsoil LOST YEARLY**	**87%** of Plants Need POLLINATORS

RENEWABLE ENERGY

Renewable **ENERGY NEVER** RUNS OUT 	*Sunlight :* **ONE HOUR** POWERS A YEAR 	One Turbine POWERS OVER **900** HOMES 
Air Pollution **KILLS** MILLIONS		Solar and Wind → **ZERO** POLLUTION
Batteries Bank **RENEWABLE ENERGY** 	 Solar Costs Less Than Coal	**SOLAR: 20x** Less Carbon Than Coal

SOLVING THE CUBE

	WORLD RECORD: UNDER  **3 sec**	*Anyone can solve a cube* 
Solve the Cube,  *Save the Planet*		**One**  Layer at a Time
	 **solvethe ecocube.com**	**20** Moves Can Solve **Any** Scramble 

Direct Impact of the Grant



160 cubes funded

65 students reached in 2 classrooms

300 students with school access

Workshops Overview





Mark Twain Middle School and John Adams Middle School, Sept 23 and Sept 29

- How the term “carbon footprint” was popularized
- First steps of solving the cube
- Cube fact hunt and class quiz
- They enthusiastically timed me solving the cube in just 20 seconds
- We built a practice petition about their school lunches

Student Feedback

42
survey responses

65%
response rate

47.6%
plan to keep learning on their own

"Like the Eco Cube, healing the Earth cannot be done in one step. It will take many small steps to achieve a great outcome."

"This presentation gave me a better understanding of climate change and its problems. Each side of the cube informed me about various solutions and problems."

"...I never realized that industries and the people in charge were the real problem until this presentation."

Next Steps



- Won the International Youth Green Apple Award (Green Superhero)
- Instagram: 700+ followers in two months, 4,000 views last month
- Cameroon: Think Tomorrow will teach it from my script and lesson plan
- A classroom set of 32 cubes is about $250
- Greenhouse South LA reached out and asked for a set of cubes and a demonstration, and want to include me in their curriculum
- The grant paid for the first 160 cubes; additional classroom sets will require new funding. suggestions, next steps, and donations welcome!

Thank you, LA Youth Climate Commission!

SolveTheEcoCube.com
georgebalianleverette@gmail.com | (310) 849-5833