



Photo: ReAct Latin America

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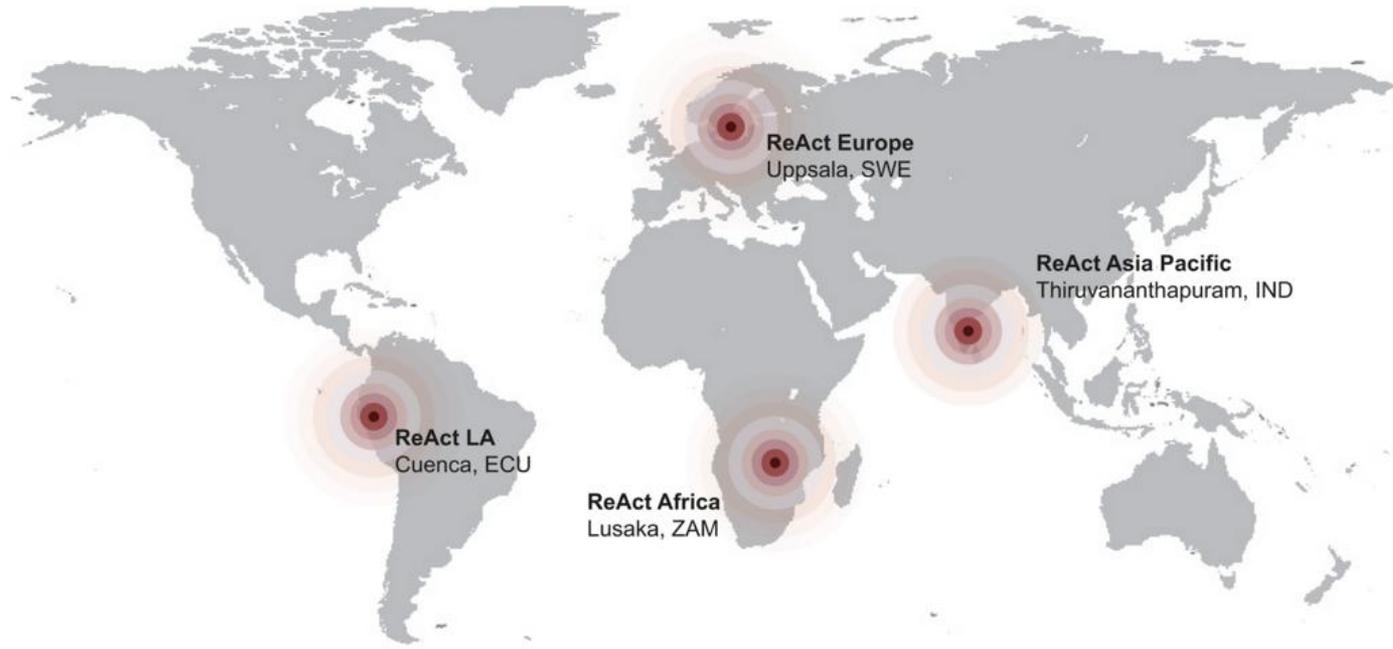
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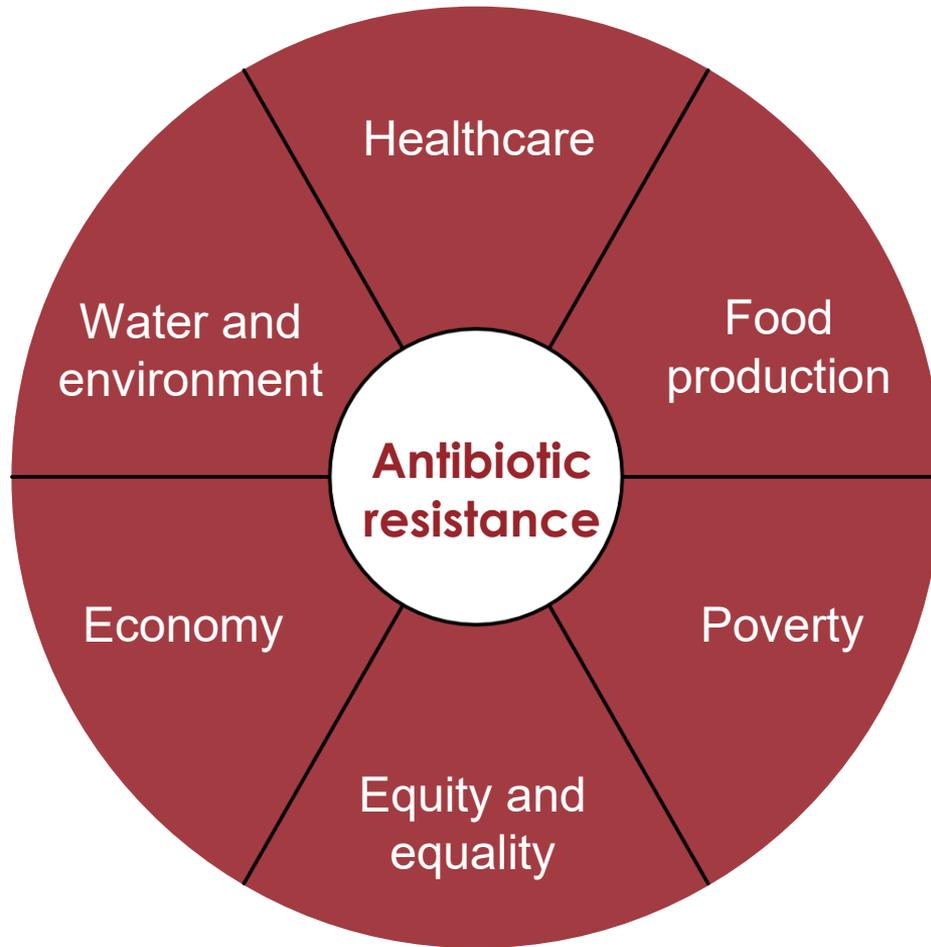
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Keeping antibiotics working – tools for the classroom

ReAct: 20 years of action on antibiotic resistance

Global network with offices in Zambia, Ecuador, India and Sweden





Cases from the real world



Photo: Oskar Nyberg

Womb loss in Malawi

'Florence was very sick. After a prolonged labour on May 10 she gave birth to a stillborn baby by C-section. The wound [...] became infected and her stomach started to swell. She was in a lot of pain. The infection then spread to her uterus and doctors were forced to perform an operation to remove it. She was given two types of antibiotics but the infection persisted.'

Madlen Davies, *Womb Loss in Malawi – An Unfolding Tragedy*,
The Bureau of Investigative Journalism
(September 2018)⁵¹

From "When the Drugs Don't Work – Antibiotic Resistance as a Global Development Problem",
Dag Hammarskjöld Foundation & ReAct



“Embedding AMR education in schools is not optional – it is essential for achieving global targets and securing a future free from untreatable infections.”

- Dr Yvan Hufin, Director of Antimicrobial Resistance at WHO

“By empowering young people with the knowledge and skills to understand the environmental dimensions of antimicrobial resistance, we are investing in a generation capable of championing responsible practices, protecting the environment, and strengthening the One Health response.”

- Jacqueline Álvarez, Chemicals and Health Branch at UN Environment Program

A Global Consensus on tackling Antimicrobial Resistance through Education

What do children and adolescents need to know to act as agents of change?

A global conversation facilitated by the Fleming Initiative, 2026



A partnership between
IMPERIAL

Imperial College Healthcare
NHS
100 Years

Discussion

What opportunities do you see teaching about antibiotic resistance in your subject?

Discussion

What would help make antibiotic resistance a priority in schools?

Discussion

What aspects of antibiotic resistance could spark your students' curiosity?

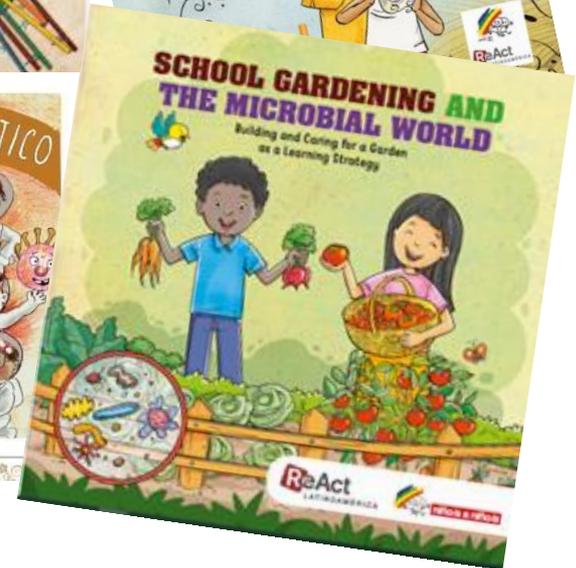
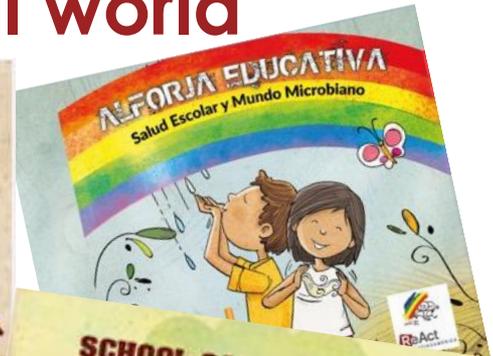
Inspiration and tools

Alforja Educativa: Student health and microbial world

A participatory teaching tool for health promotion, developed in Ecuador



Photo: ReAct Latin America



Alforja Educativa website (Spanish), <https://alforjaeducativa.reactlat.org/>
Alforja guides (English): <https://www.reactgroup.org/wp-content/uploads/2021/05/Alforja-Educational-Knapsack-ReAct-Latin-America-webbl.pdf>

“In the garden, we learn to grow healthy food. Eating healthy, chemical-free food makes us stronger and less likely to get sick, so we don't have to take medications or antibiotics.”

- Girl from Argentina



Photo: ReAct Latin America



“Self-medication is never good, especially with antibiotics”

Photo: ReAct Latin America



Antibiotic Smart
Sweden

VISION: A society where everyone helps to keep
antibiotics working and saving lives



© Antrop/Antibiotikasmart Sverige

Antibiotic Smart Schools



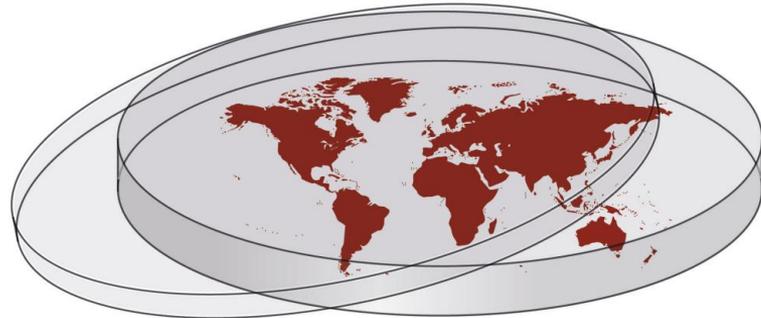
**Co-developed criteria to
inspire & support
schools in taking action**

Save antibiotics with knowledge and action

Teaching material developed through a collaboration between teachers in Uppsala municipality and researchers at Uppsala University, Sweden.

RÄDDA ANTIBIOTIKAN MED KUNSKAP OCH HANDLING

Ett utbildningsmaterial för **gymnasiet** från projektet
*Undervisning för och lärande av handlingskompetens i
utbildning om antibiotikaresistens*



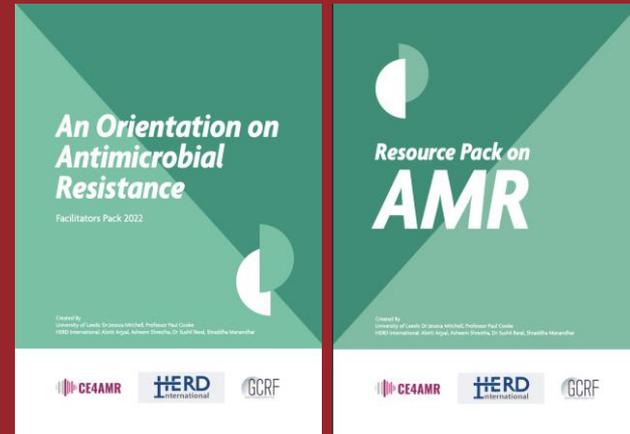
e-bug.eu

Health education program with free resources for educators to introduce students to microbes, hygiene, vaccinations, and antibiotic resistance.

Operated by the UK Health Security Agency.



Tackling antimicrobial resistance in schools (Nepal)



Teaching materials for students ages 12-15. Co-designed with students and teachers in Nepal, in collaboration with researchers at University of Leeds and Herd International.

<https://ce4amr.leeds.ac.uk/projects/follow-on-funding-tackling-amr-in-schools-nepal/tackling-amr-in-schools-outputs-and-impacts/>

“Sketching Antimicrobial Resistance gathers 30 illustrators from 30 different European countries to **raise awareness on AMR, combining art and science.** Each illustration and message tells a piece of this shared story, one that belongs to all of us: **the importance of preserving antimicrobials.**“



*Artwork for the campaign Sketching Antimicrobial Resistance led by EU-JAMRAI 2
eu-jamrai.eu/raise-awareness/campaigns/sketching-antimicrobial-resistance/*



UNDERSTAND



RAISE AWARENESS



MEASURE



RATIONAL USE



PREVENT INFECTION



POLICY



ABOUT THE TOOLBOX

Want more inspiration?

Find free online information and educational tools in the **ReAct Toolbox**

www.reactgoup.org/toolbox



**More teaching materials
and sign-up for antibiotic
resistance mail group**

www.reactgroup.org

*A world free from
untreatable infections*

