

Experience AI

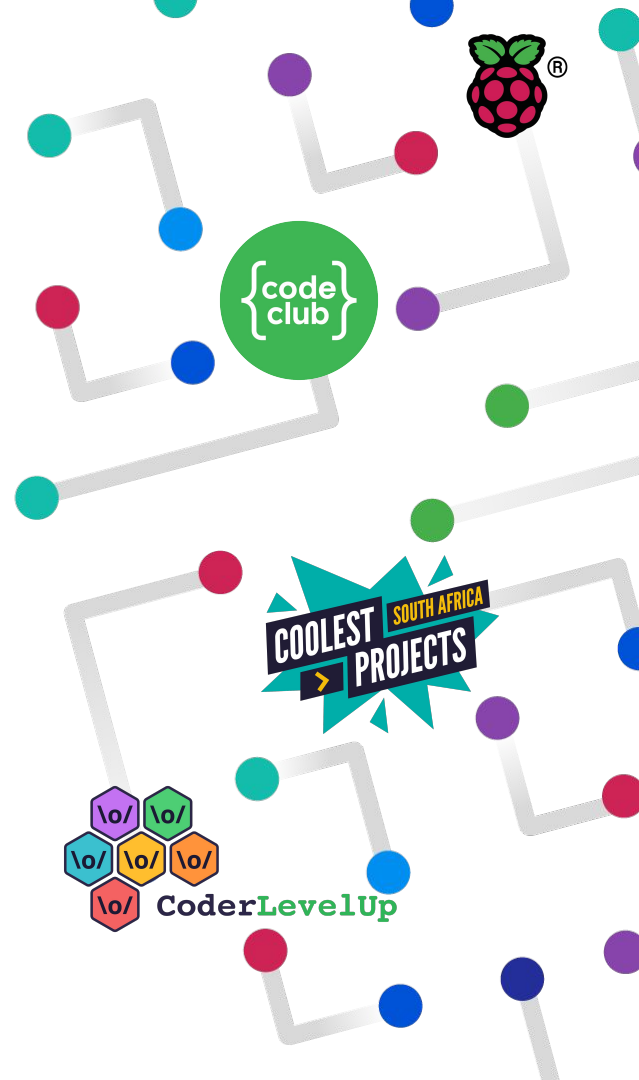
with the Raspberry Pi Foundation

Educational Programme | Projects | Showcase

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Google DeepMind



Experience AI

experience-ai.org

*Experience AI is an
educational programme
that offers cutting-edge resources
for **ages 11–14** on
AI and machine learning
for teachers and their students.*

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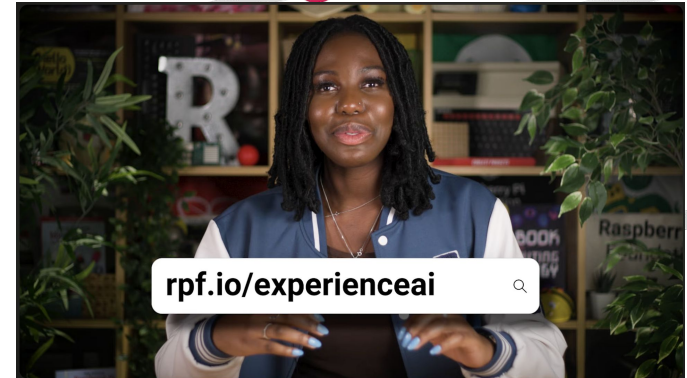
Experience AI

The excitement of AI in your classroom.

Google DeepMind



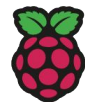
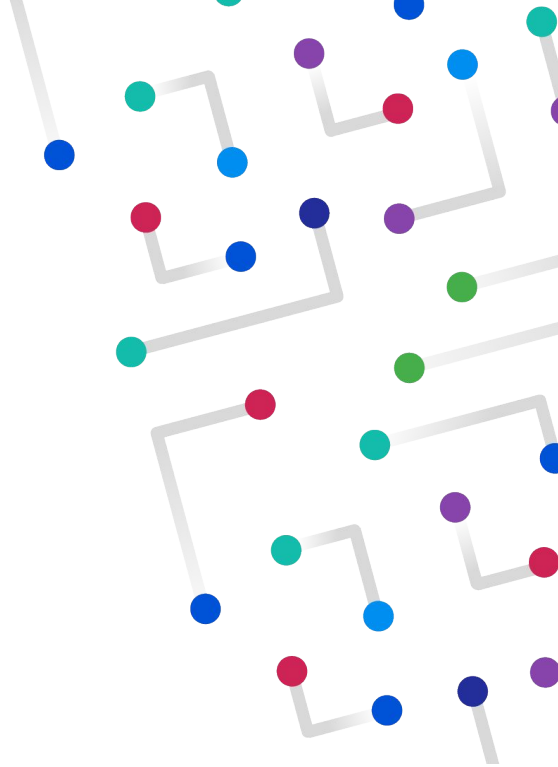
Explore the lessons >



<https://www.youtube.com/watch?v=8vTYs0VD9KM>

What is Experience AI?

- **Lessons and classroom resources** launched in 2023 to help students develop a foundational understanding of AI and machine learning. Initially focused on students aged 11-14.
- Based on original research into the concepts that make up AI literacy and how to teach them. **Aligned to UNESCO's** AI Competency framework.
- **Intentionally cross-curricula**, designed to be taught by non-specialist teachers.
- **Localised and translated for 23 countries**, with partnerships to deliver locally organised professional development.



The impact so far...

- **6,000 educators from 150 countries** have accessed the materials
- The resources have been downloaded over **280,000 times**
- The programme has an estimated worldwide reach of over **one million learners**.



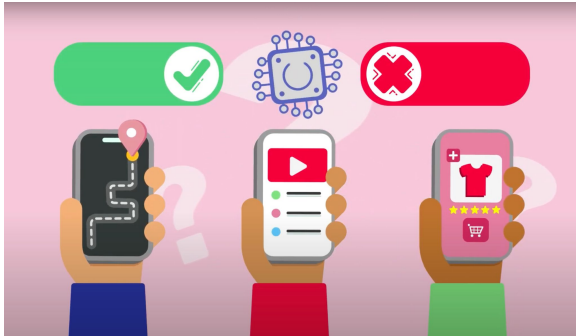
Formal & Informal Approaches

Formal, teacher led in-classroom

Informal, projects for code club

{code club}

Experience AI



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Artificial intelligence: Level 1

AI toolkit

Engage with a range of artificial intelligence and machine learning platforms!

The AI toolkit introduces various artificial intelligence applications and technologies through hands-on projects using different platforms and tools. You will work with voice recognition, facial recognition, and other AI technologies, gaining a broader understanding of how AI can be applied in different contexts.

Progress: ○○○○○○○○○○○○



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Artificial intelligence: Level 1

Machine Learning with Scratch

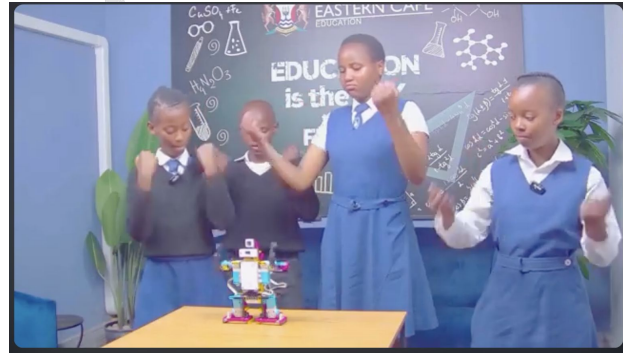
Introductory machine learning projects using Machine Learning For Kids with Scratch.

Introduction to foundational concepts of machine learning through creative and interactive projects. Creators will train models to recognise patterns in images, text and sound, and explore how these models can be used to create fun games!

Progress: ○—○—○—○—○

COOLEST PROJECTS SOUTH AFRICA Showcase

- 2024 was our biggest yet in SA!
 - Western Cape, Eastern Cape & KZN
 - <https://www.youtube.com/watch?v=u8qAqq2yvl>
 - <https://youtu.be/-m9smNosxnY?si=NAy4XQJAVjUbh4ev>
- New AI category for 2025!
coolestprojects.org



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