tinyML for Good
Tiny technology for the world's biggest challenges

tinyML4K12: creating a tinyML education ecosystem for young learners

Hal Speed - Robotical, Kid Spark Education, and AI4K14

www.tinyML.org
Building a tinyML Pipeline for K-12

Collect Data
Preprocess Data
Design a Model
Train a Model
Evaluate
Optimize
Convert Model
Deploy Model
Make Inferences

Jupyter Notebook/Colab
Edge Impulse
Seeed Studio Codecraft
Google Teachable Machine
Microsoft Lobe
ML for Kids
Code.org
Scratch + Teachable Machine
mBlock + Teachable Machine + Microsoft Cognitive Services

Arduino IDE
Nano 33
Wio Terminal
Pico4ML
micro:bit
MicroPython/
CircuitPython
others
Seeed Codecraft + Wio Terminal

https://www.seeedstudio.com/wio-terminal-tinyml.html