

# 20 Classroom AI Activities

Teacher Training Guide · Module 8 of 15 · CHERIEDU Academy

## Activities for Grade 5–6 (Awareness Level)

#	Activity	Duration	Materials
1	AI Scavenger Hunt — find 10 AI tools in school	20 min	None
2	Teach the Machine — humans "train" each other	30 min	Cards
3	AI vs Human Sorting — sort pictures manually then with AI	40 min	Laptop
4	Robot Instructions — write exact steps for a robot to follow	20 min	Paper
5	AI Storytelling — use ChatGPT to co-write a story	40 min	Laptop

## Activities for Grade 7–8 (Understanding Level)

#	Activity	Duration	Materials
6	Build image classifier with Teachable Machine	80 min	Laptop+camera
7	Bias Detector — find bias in a real AI hiring dataset	60 min	Laptop
8	Data Cleaning Challenge — fix a messy spreadsheet	40 min	Google Sheets
9	Predict tomorrow's weather using historical data	60 min	Laptop
10	AI Ethics Courtroom — put an AI on trial!	60 min	Role cards

## Activities for Grade 9–10 (Application Level)

#	Activity	Duration	Materials
11	Python Hello World to first ML model	80 min	Google Colab
12	Student performance prediction project	120 min	Google Colab
13	Build a simple chatbot for school FAQ	80 min	Laptop
14	Sentiment analysis of movie reviews	60 min	Google Colab
15	AI vs Human art creation contest	40 min	Laptop

## Cross-Grade Activities (Any Level)

#	Activity	Duration	Materials
16	Guest speaker — invite a local data professional	60 min	None
17	AI News Analysis — find this week's AI headlines	40 min	Internet
18	Design the IDEAL AI for your school	60 min	Paper
19	Data privacy audit of your phone's apps	40 min	Phone



AI Career Fair — each  
student presents one AI role

60 min



