Machine Learning For Kids :: Teachers' notes	
Worksheet	Jargon Buster
Activity	Make a meeting assistant in Scratch that listens for when certain words are mentioned, and displays a definition of them when they are heard.
Objective	 Teach a computer to listen for words Learn how computers can be trained to listen for specific key words
Difficulty level	Intermediate
Time estimate	1 hour
Summary	Students train a sound recognition system to recognize key words. They use this in Scratch to make a project that reacts to hearing them and displays a definition.
Topics	sound recognition, speech recognition, supervised learning
	Setup
Each student wi	Il need:
Print-outs	Project worksheet (download from https://machinelearningforkids.co.uk/worksheets) Blocks in Scratch scripts are colour-coded, so printing in colour will make it easier for students.
Technology	Microphone
Access	Username and password for machinelearningforkids.co.uk
Class account w	ill need:
API keys	None
-	
Customizing	
If you want to inc add steps to the v	I approaches with your class, add a step where students predict how the project template works. rease the amount of coding involved, delete some of the code from the project template and
instructions inste	worksheet so students code it themselves. courage problem solving, delete some of the detail in the worksheets and provide more general ad.
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