


Do-it-yourself artificial intelligence


With our maker kits, build intelligent systems that see, speak, and understand. Then start tinkering. Take things apart, make things better. See what problems you can solve.

Made by you with Google



Vision Kit


Do-it-yourself intelligent camera. Experiment with image recognition using neural networks.

available at .com

Build it




Build an intelligent camera that can see faces, detect emotions, and recognize common objects. Create your own projects that take action based on what the Vision Kit sees.

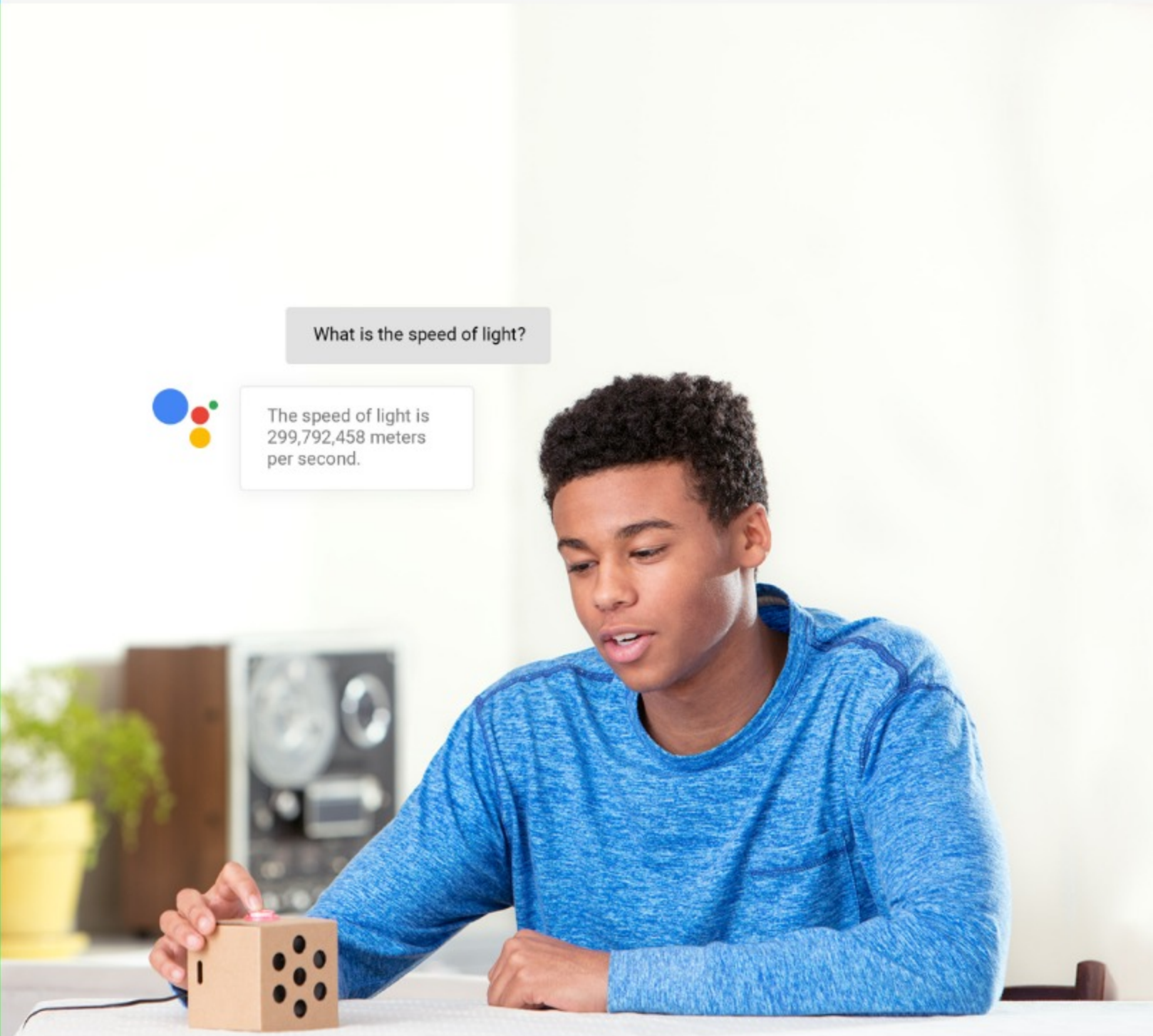


Voice Kit

Do-it-yourself intelligent speaker. Experiment with voice recognition and the Google Assistant.

available at .com

Build it



With the Google Assistant built-in, build an intelligent speaker that can understand you, and respond when you ask it a question or tell it to do something. Create your own projects that use voice recognition to control robots, music, games, and more.

Limor "LadyAda" Fried, of Adafruit, chats with James McLurkin about what AI really is, what engineers do, making things, and how AIY Vision and Voice kits help people learn about AI and solve problems in their own lives.

LEARN MORE

Vision Kit

Take a tour through the AIY Vision Kit with James, AIY Projects engineer, as he shows off some cool applications of the kit like the Joy Detector and object classifier.

Voice Kit

Watch as James, AIY Projects engineer, talks about extending the AIY Voice Kit while building a voice-controlled model train.