

Continue



























LEGO WeDo is a robotics kit designed for younger students. The original WeDo set was released in 2009. WeDo 2.0 was released at the beginning of 2016. WeDo 2.0 (45300) LEGO WeDo 2.0 Core Set (45300) The LEGO Education WeDo 2.0 Core Set (45300) contains 280 pieces, including a motor, and tilt sensor, and motion sensor. The WeDo 2.0 Software is available for desktops and tablets and is free to download. WeDo 2.0 features a programmable SmartHub that connects to a computer or tablet via Bluetooth Low Energy, meaning that there is no longer a need to physically tether creations to a computer (as was required with the original WeDo kit). The SmartHub is powered by either two AA batteries or a rechargeable battery pack (purchased separately). Links to download the WeDo 2.0 software can be found on LEGO Education Downloads. Curriculum support that is targeted to science and computing is available from within software. Additional curriculum materials are also available from LEGO Education. WeDo (1.0 and 2.0) can also be programmed using Scratch. WeDo 1.0 (9580) Original LEGO WeDo Core Set The original LEGO WeDo Core Set (9580) has 158 pieces, including two sensors (tilt and motion), a motor, and a USB hub. Creations need to remain tethered to the computer for power and to follow a program. Although it is possible to untether the WeDo by powering the motor directly, it will not follow a program. Links to download the WeDo software can be found on LEGO Education Downloads. Additional resources Here are some additional resources to help you get started with the WeDo kit: Browse all LEGO WeDo posts on this site. Copyright © 2017-2025 by Robots Got Talents. All rights reserved. LEGO, WeDo, Spike, LEGO Education, BrickLink and MINDSTORMS are registered trademarks of The LEGO Group. RoboMind is a registered trademark of Research Kitchen, MIT APP INVENTOR is a registered trademark of Massachusetts Institute of Technology. Robots Got Talents is neither affiliated with nor endorsed by any of the above organizations. Not all the data in books, courses, lessons are owned or made by Robots Got Talents, resources are available in the Resources Webpage All models are built from the Lego Wedo 2.0 educational kit. There are twelve building instructions as it were in the Wedo 1.0 Activity Pack. You can also use materials of Wedo 1.0 Teachers Guide, because all models are similar, namely: Dancing Birds Smart Spinner Drumming Monkey Hungry Alligator Roaring Lion Flying Bird Goal Kicker Goal Keeper Cheerful Fans Airplane Rescue Giant Escape Sailboat Storm The set includes step-by-step building instructions and an example of program (in Lego Wedo 2.0 environment).