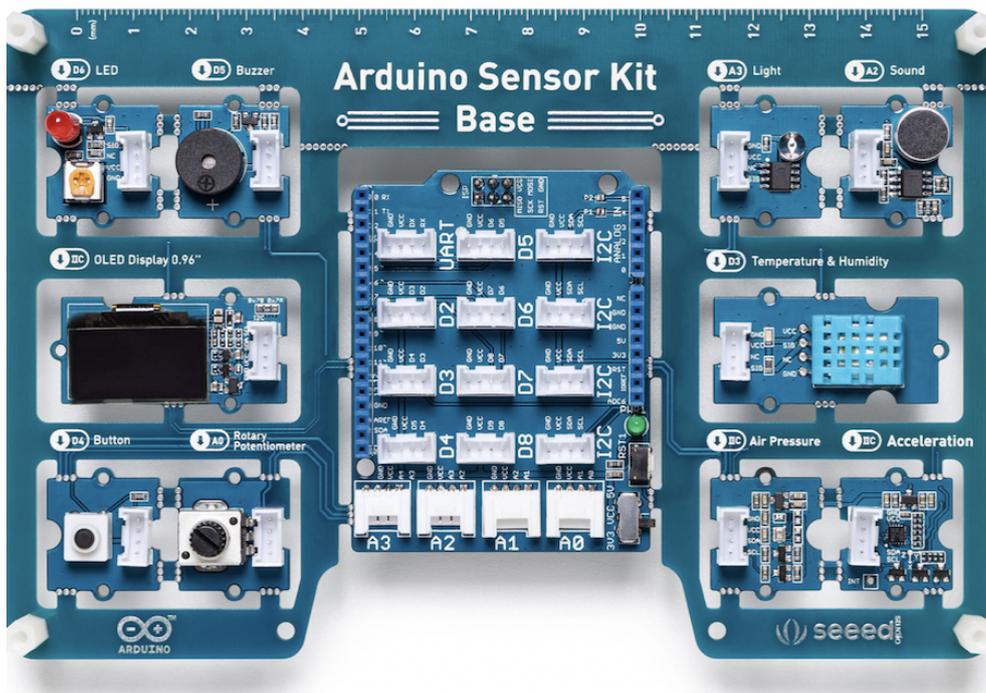
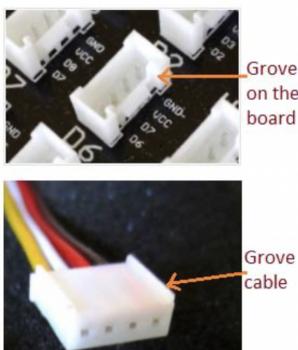


Arduino - Grove Sensor Kit

Another approach is to buy a [Grove Sensorboard](#) online or rent one at the Blackbox/Uitleen IBB and Pastoe, and do some freeform experiments. The Grove Sensor kit contains another board with is ideal for those who have just started using Arduino to explore the vast space of electronics and programming.



Grove is an open-source, modulated, and ready-to-use toolset and takes a building block approach to assemble electronics. This Kit includes a Base Shield to which the various Grove modules can be connected both individually, or together in various combinations and the plus side of Grove connectors is that **you do not need soldering**.



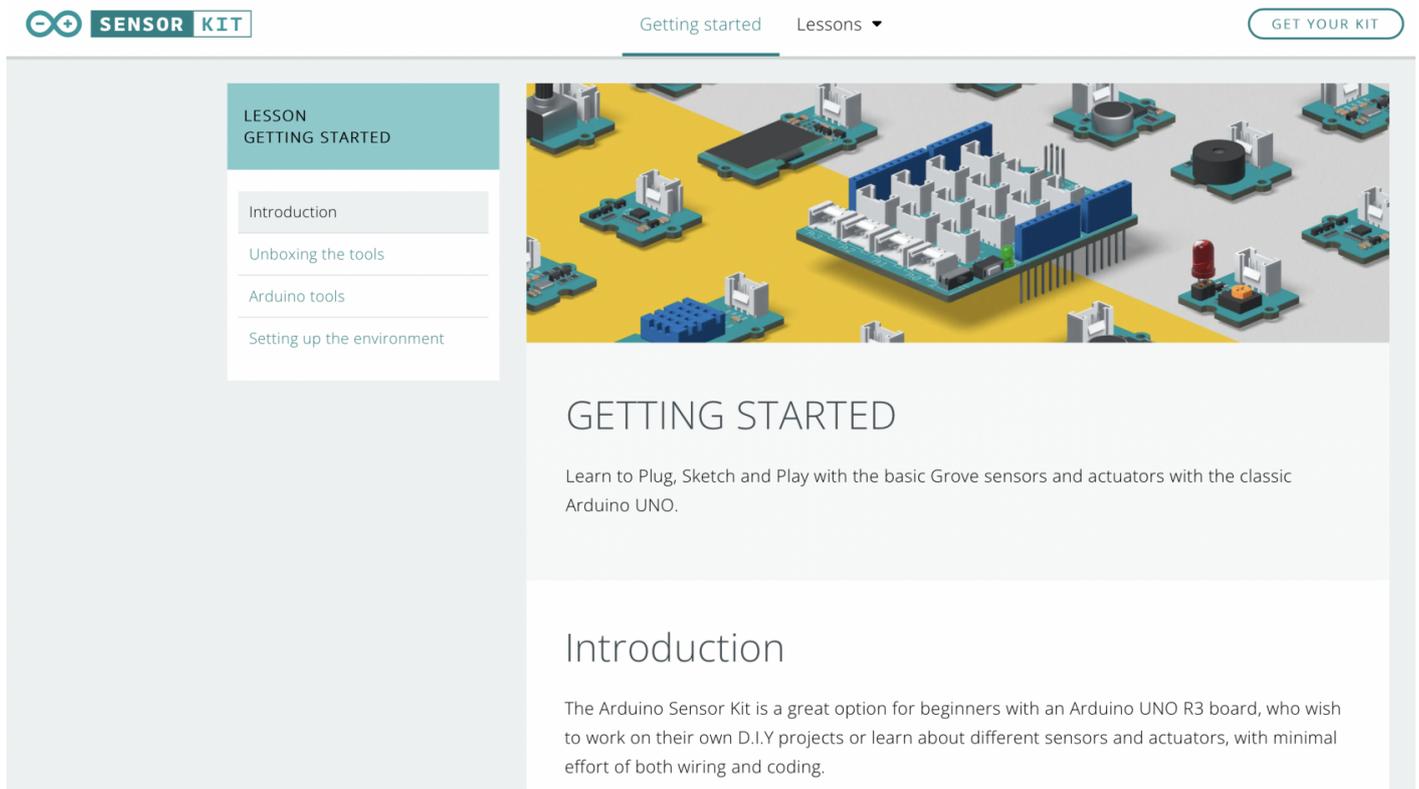
All of the modules use a [Grove connector](#), which connects each of the components to a Base Shield in just a few seconds. The Base Shield can then be mounted on to an Arduino UNO board and can

be programmed using the Arduino IDE.

Instructions

The Grove Sensor Kit comes with a lot of handy Instructions and very approachable tutorials for any level:

<https://sensorkit.arduino.cc>



The screenshot shows the Arduino Sensor Kit website. At the top left is the Arduino logo and 'SENSOR KIT'. The navigation bar includes 'Getting started' (active), 'Lessons', and a 'GET YOUR KIT' button. A sidebar on the left lists the lesson structure: 'LESSON GETTING STARTED' with sub-items 'Introduction', 'Unboxing the tools', 'Arduino tools', and 'Setting up the environment'. The main content area features a 3D illustration of the sensor kit components on a yellow background. Below the illustration, the heading 'GETTING STARTED' is followed by the text: 'Learn to Plug, Sketch and Play with the basic Grove sensors and actuators with the classic Arduino UNO.' The section 'Introduction' follows, with the text: 'The Arduino Sensor Kit is a great option for beginners with an Arduino UNO R3 board, who wish to work on their own D.I.Y projects or learn about different sensors and actuators, with minimal effort of both wiring and coding.'

Extra information:

[Read more about the kit, available on Kiwi-Electronics](#)

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