

---

# Cubelets Catalog

---

## SENSE Cubelets



### Brightness

Enable a construction to detect and respond to light.



### Distance

Enable a construction to detect and respond to nearby objects.



### Knob

Turn the dial to control a robot construction.



### Temperature

Enable a construction to respond to changes in temperature.

---

## THINK Cubelets



### Battery

Provide the energy needed to power robot constructions.



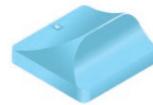
### Blocker

Stop data values and still share power.



### Bluetooth

Pair robot constructions with free companion apps.



### Bluetooth Hat

Easily pair robot constructions with free companion apps.



### Inverse

Flip data values, making low values high and vice versa.



### Maximum

Share the largest data value, ignoring all others.



### Minimum

Share the smallest data value, ignoring all others.



### Passive

Build bigger robots without modifying data values.



### Threshold

Set the dial to block data values below the threshold.

---

## ACT Cubelets



### Bar Graph

Visualize the data values in a robot construction.



### Drive

Build robot constructions that navigate their world.



### Flashlight

Create constructions that shine a dimmable LED light.



### Rotate

Create constructions that whirl and twirl.



### Speaker

Create constructions that beep and boop.