

AWS Spark (logo)

Get started with your AWS Spark Wand

Age 6+



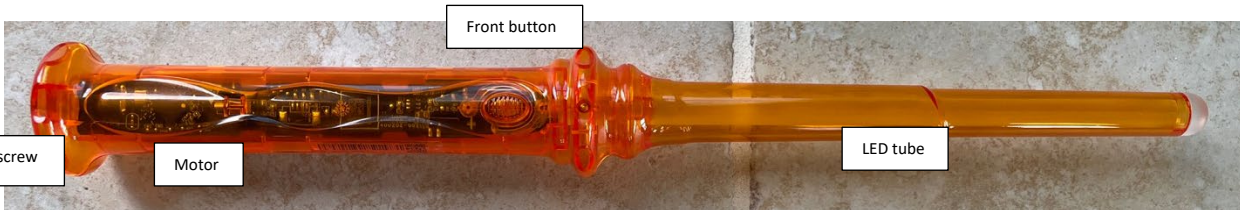
WARNING:

This toy produces flashes that may trigger epilepsy in sensitized individuals.
Choking Hazard – small parts. Not for children under 3 yrs.

What’s in your AWS Spark Wand box?

AWS Spark Wand, contains 2 AAA batteries (picture)

Picture with labels: front button, battery insulation, LED tube, motor, screw



Turning on your AWS Spark Wand

(picture)







1. Click the front button one time to power on your AWS Spark Wand. You will feel the wand motor go off once and the LED tube light up white for 2 seconds.

Gestures List

A **gesture** is a specific wand movement, like an oval or moving to the left, that your AWS Spark Wand can recognize.

To create a gesture, click and hold the front button and release at the end of a movement.

Gesture Name	Movement	Color	Motor
Up	↑	Neon Green	1 time 1 second
Down	↓	Pink	1 time 1 second
Left	←	White	1 time 1 second
Right	→	Cyan	1 time 1 second
Diagonal Up Left	↖	Strawberry	1 time 1 second
Diagonal Up Right	↗	Red Orange	1 time 1 second

Diagonal Down Left		Sea Foam Green	1 time 1 second
Diagonal Down Right		Sapphire	1 time 1 second
Rectangle		Grape	1 time 1 second
Oval		Bright Blue	1 time 1 second
Triangle		Firefly	1 time 1 second
V		Purple	1 time 1 second
Unrecognized	Any other movement	Red	2 times 2 seconds

Turning off the AWS Spark Wand

1. Press the front button three times to turn off the AWS Spark Wand. You will feel the wand motor go off once and the LED tube light up red for 2 seconds, and the wand is now off until you press the front button again.

Get started with Programming your AWS Spark Wand

1. Follow instructions from your teacher to navigate to the AWS Spark Wand course on your laptop. You may use a Mac, PC, or Chromebook.
2. Follow the instructions in the Setting Up lab for connecting to your wand for the first time.

Replacing the AWS Spark Wand batteries

Your AWS Spark Wand uses replaceable batteries, and the LED tube will flash red every 3 minutes when the battery is low.

(picture)

1. Ask your educator or parent to replace the batteries in the wand.
2. Use a screwdriver to open the 1 screw at the bottom end of the wand.
3. Remove the 2 AAA batteries.
4. Replace with 2 new AAA (2 x 1.5V) batteries as shown below



5. Replace the wand pieces, and replace the one screw until tight.

Battery tips:

1. Do not mix old and new batteries.
2. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries. Replacement of a battery with an incorrect type can defeat a safeguard.
3. Non-rechargeable batteries are not to be recharged.
4. Batteries are to be inserted with the correct polarity (+ and –)
5. Remove the batteries during long periods of non-use. Always remove exhausted batteries from the toy. Battery leakage and corrosion can damage this toy. Dispose of batteries safely.
6. If removable rechargeable batteries are used, they are only to be charged under adult supervision. Select the rechargeable batteries with the proper rating (1.5V).
7. Never short circuit the battery terminals.

AWS Spark Wand Battery disposal:

- Never disposal battery into fire or a hot oven or mechanically crushing or cutting a battery, which can result an explosion;
- Check with your local or state solid waste authority for management options. We recommend sending used alkaline and zinc carbon batteries to battery recyclers or check with your local or state solid waste authority.

General safety instructions

Instruction manual must be retained since it contains important information.

Storage instructions

Please return the AWS Spark Wand and IoT device to the provided purple box for storage to ensure they stay protected.