

# Bring Coding to Life Through Robotics for All

Ignite curiosity and inspire confidence  
in students by giving them tools to  
imagine and invent the future.

# Innovate Out of the Box

## USER PROGRAMMABLE LEDS & BUTTONS

Customize your experience with Dash

## REAL TIME BLUETOOTH

Fast, easy connections to Apple iOS, Android, and Kindle mobile devices

## IR RECEIVERS & TRANSMITTERS

Enables Dash to find and interact with other robots

## 3 MICROPHONES & SPEAKER

Real-time voice triangulation and personalized recording and playback

## POTENTIOMETERS & DUAL MOTORS

Supports head pan and tilt with accurate positioning

## 3 PROCESSORS & SENSOR FUSION

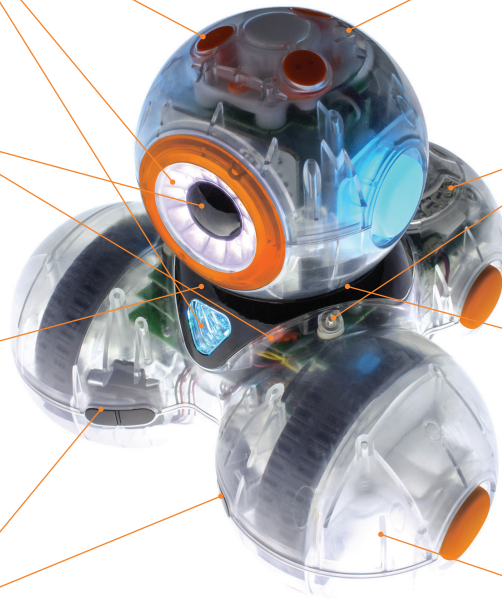
Manages complex interactions among actuators and sensors – accelerometer, gyroscope, and wheel encoders

## 3 PROXIMITY SENSORS

Detects objects left, right and back

## 2 POWERED WHEELS

Quick navigation and distance tracking on nearly any surface



Our products and apps teach students from kindergarten on up essential skill sets such as:



Computational thinking



Spatial awareness



Scientific thinking



Design thinking



Creative storytelling



Mathematical reasoning



# Robots



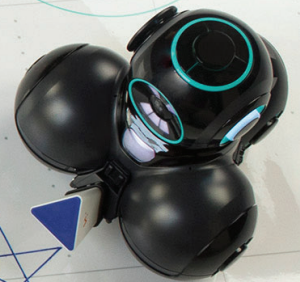
dot






dash



cue



# Robot Comparison Chart

Robots	 dot	 dash	 cue
1-year warranty	•	•	•
Personality	Unique for Dot	Unique for Dash	Customizable
Bluetooth-enabled	•	•	•
Rechargeable battery	•	•	•
Voice detection	•	•	•
Sound recording	Ten 5-second clips	Ten 5-second clips	Ten 10-second clips
Volume control	•	•	•
IR emitters	•	•	•
Object detection		•	•
Robot detection		•	
Precision motors		•	•
Head movements		•	•
Accelerometer	•	•	•
Gyroscope		•	•
Programmable LEDs	•	•	•
Connector ports	2	6	6
Additional accessories available	•	•	•
<b>Wonder Workshop Apps</b>	<b>3</b>	<b>5</b>	<b>1</b>
In-app demos & challenges	•	•	•
Block-based coding	•	•	•
State-machine coding	•	•	•
Text-based coding			•
SSO (single sign-on)			•
COPPA-compliant student accounts			•
Ability to save programs	•	•	•
Ability to share programs	•	•	
<b>Curriculums</b>	<b>K-5 Learn to Code Curriculum</b>	<b>K-5 Learn to Code Curriculum</b>	<b>6-8 Applied Robotics Curriculum</b>
Cross-Curricular Lesson Library	•	•	•
Professional learning online course available	•	•	•