

YOU CODE, ARTIE DRAWS

Learn to code line by line with Artie Max™, where coding meets creativity! Code simple designs or push your skills to the max and use Artie to turn code into colorful works of art.

SIMPLE SETUP

Start creating colorful codes in minutes with easy instructions. Artie's safe and secure Wi-Fi speaks directly to your connected device —no internet needed!

BONUS FEATURES

Artie Max draws with 3 interchangeable onboard markers, has built-in tutorials, rechargeable battery with micro USB cord, smart sensors, line detection, remote control functionality and more!

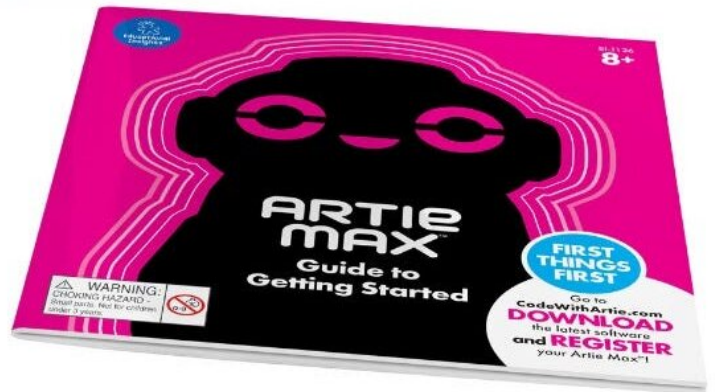
**BUILT-IN
RECHARGEABLE
BATTERY**
W/ INCLUDED
USB CORD

ARTIE
MAX



EI-1126
8+





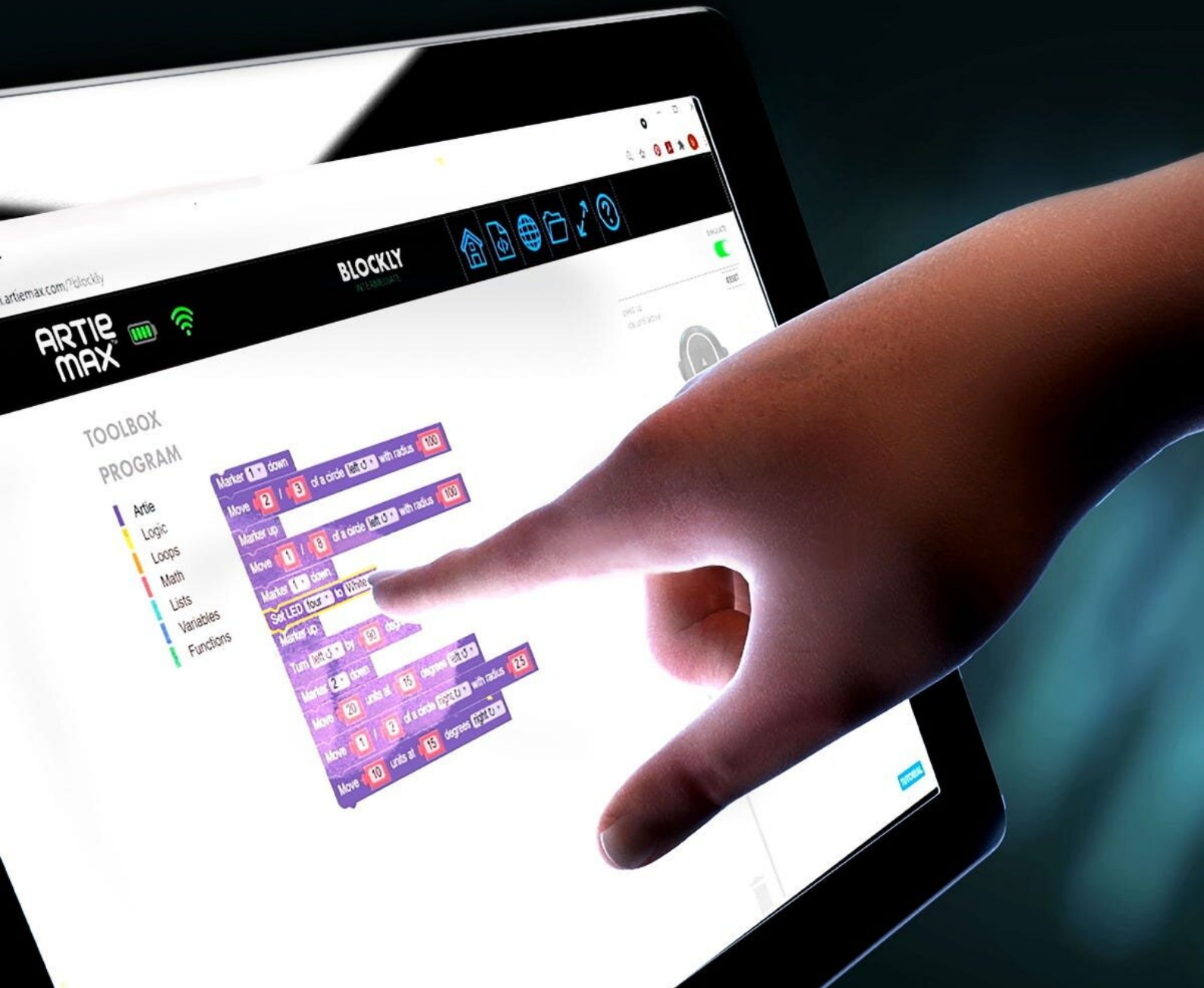








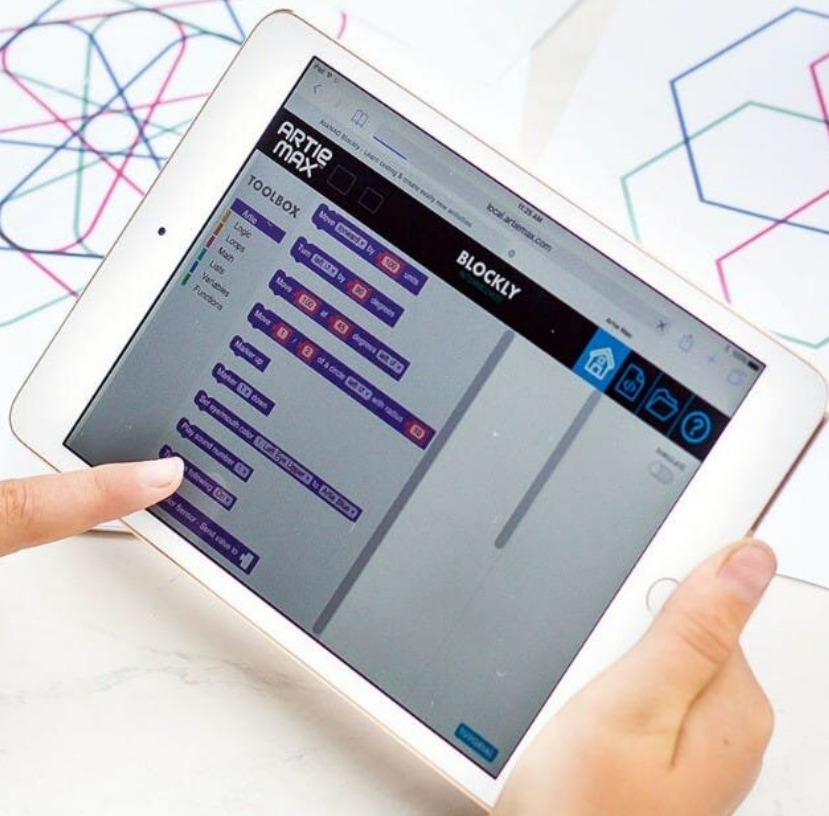
YOU CODE...



ARTIE DRAWS



ARTIE MAX™



ADVANCED
C++

Copy the text that you see below:

PROGRAM

```
1 #include <iostream>
2 #include <artie>
3 Artie artie;
4 void draw_arc(char *direction, float fraction, float radius)
5 {
6     float l = 78;
7     float PI = 3.141592;
8     float distance = PI * 2.0 * radius * fraction;
9     float angle = atan(l/radius) * 180/PI;
10    if (direction == "left"){
11        angle = -angle;
12    }
13    artie.moveArc(distance, angle);
14 }
15 int main() {
16    artie.pendown(1);
17    artie.left(90);
18    draw_arc("right", 0.875, 50.0);
19    artie.pendown(2);
20    draw_arc("right", 0.75, 50.0);
21    artie.right(135);
22    draw_arc("left", 0.875, 50.0);
23 }
```