

## **MindDance Coding: Inventing with Computers**

W2: June 13-June 17

W7: July 18-July 22

9:00 a.m.-12:00 p.m.

W4: June 27-July 1

12:30 p.m.-3:30 p.m.

Entering Grades 2-8

Kids experience the fun of combining coding and engineering. Each participant works with a school laptop and with Scratch, an MIT-developed coding language for young people. Campers use Scratch to create their own video games, musical devices, and interactive art. Next, they begin to think about how to integrate their projects with the physical world using a MicroBit. The Microbit, created by the Educational Foundation, is a small piece of hardware that campers can use as a controller, light and sound sensor, and much more. Finally, they get friends and teachers to try out their games and devices. MindDance teachers provide inspiration and support as kids create and share their work. Participants experience a warm and social learning community that is hands-on, challenging, and fun. The camp is great for beginning and experienced coders.

Cost: \$225

Instructors: Nick Wolf & MindDance Team