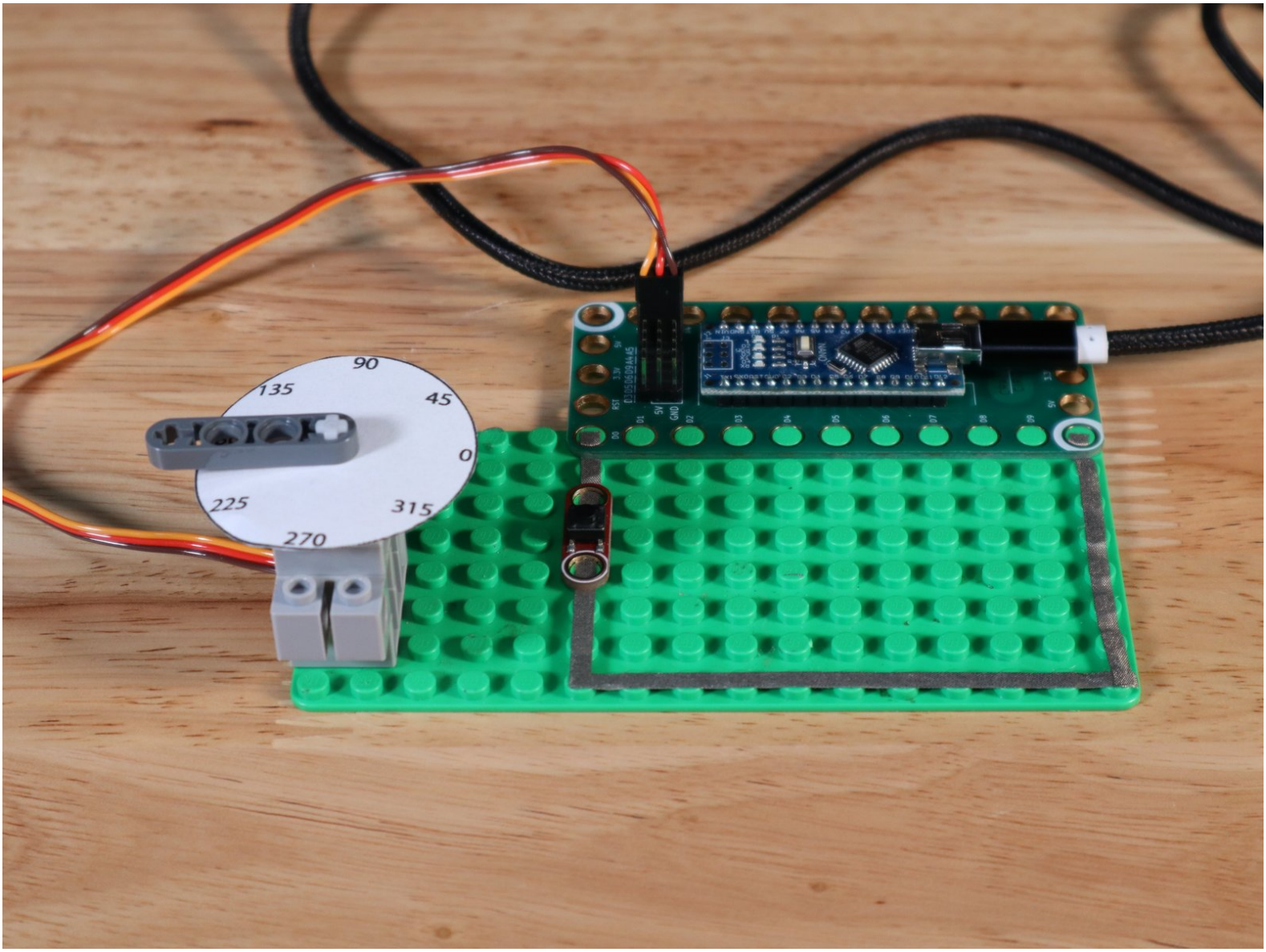
Day 5: More Movement Plus Sounds

Continue working briefly with servos and then learn to use piezo buzzers and programming to create songs and instruments.

Written By: Andy Wallus



INTRODUCTION

Continue working briefly with servos and then learn to use piezo buzzers and programming to create songs and instruments.

TOOLS:

- Scissors (1)
- Computer with Arduino IDE Software (1)

PARTS:

- Programming 101 Classroom Set (1)
- Printable Lesson Plan (1)
- Arduino sketches 4-2, 4-3, 4-4, 4-5 (1)

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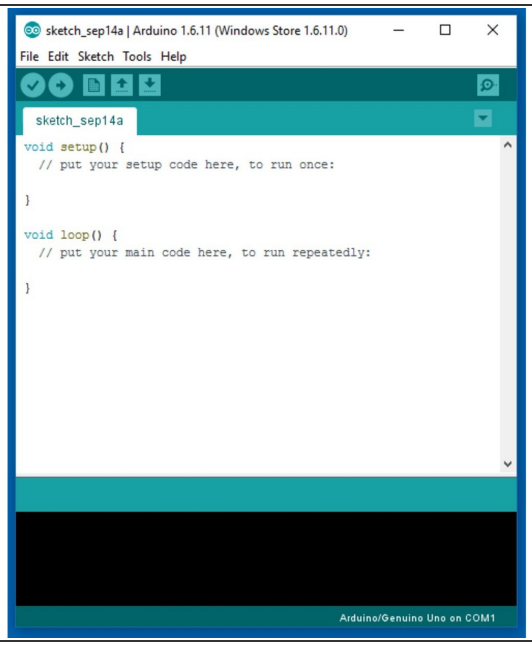
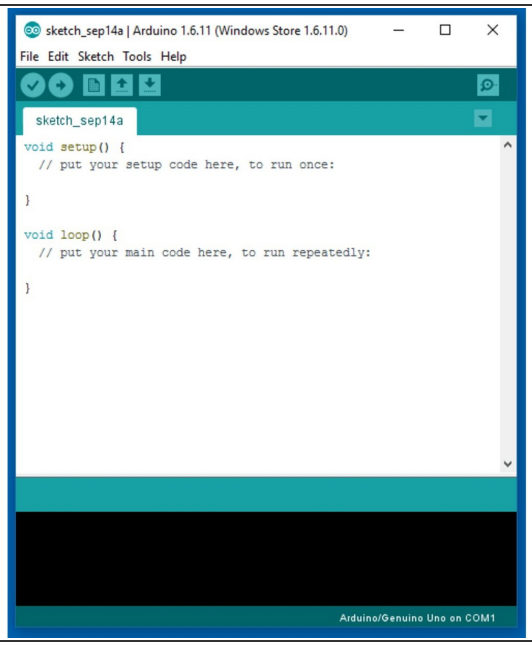
Step 1 — Day 5: More Movement Plus Sounds



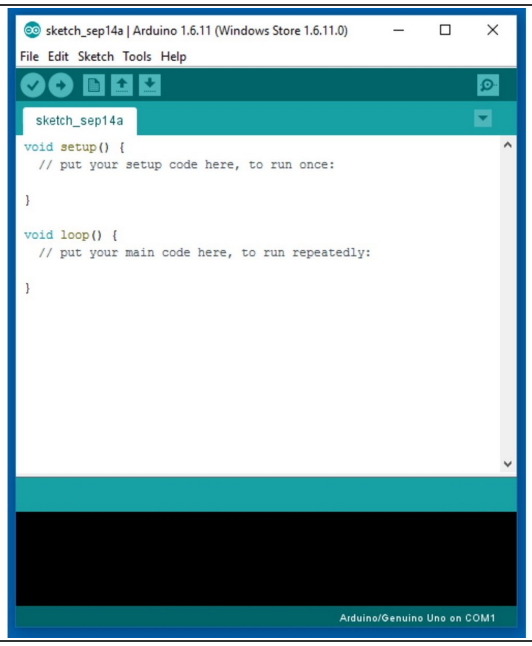
- Find Arduino sketch 4-2 at https://github.com/BrownDogGadgets/Progr...

Step 2



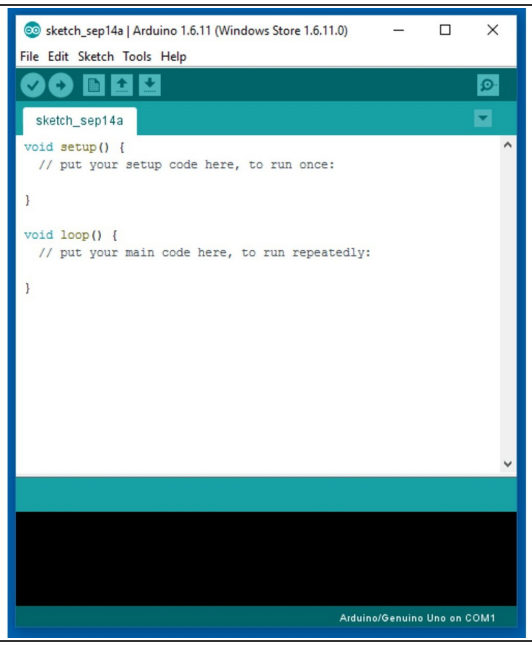
- Find Arduino sketch 4-3 at https://github.com/BrownDogGadgets/Progr...

Step 3



- Find Arduino sketch 4-4 at https://github.com/BrownDogGadgets/Progr...

Step 4



- Find Arduino sketch 4-5 at https://github.com/BrownDogGadgets/Progr...

After today your students will have controlled a single servo with two digital inputs, created/adjusted tone and pause output from a piezo buzzer and created a rudimentary playable piezo synthesizer.

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