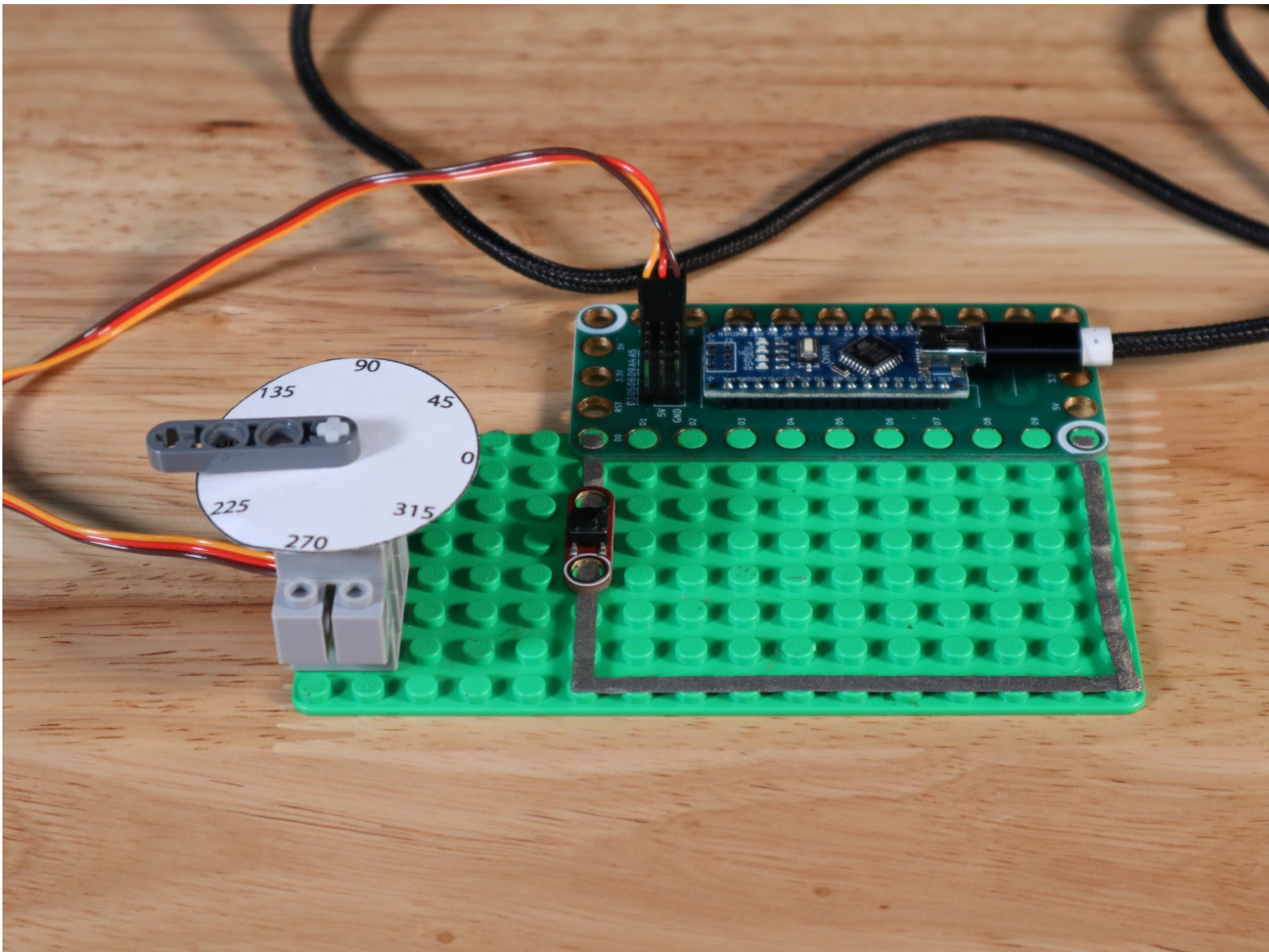




Day 5: More Movement Plus Sounds

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:

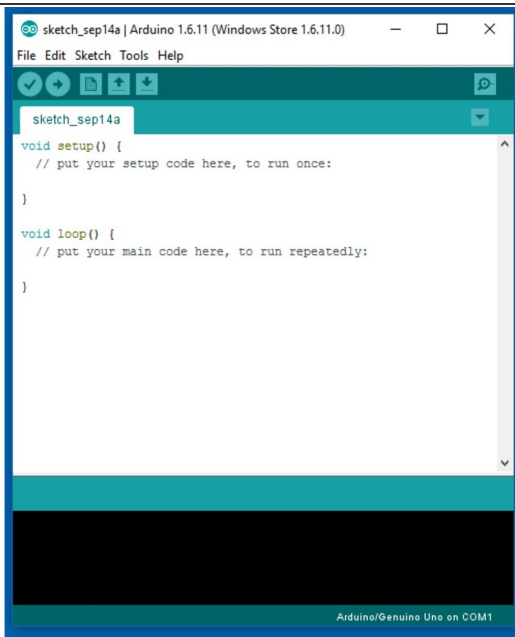
- [Scissors](#) (1)
- [Computer with Arduino IDE Software](#) (1)



PARTS:

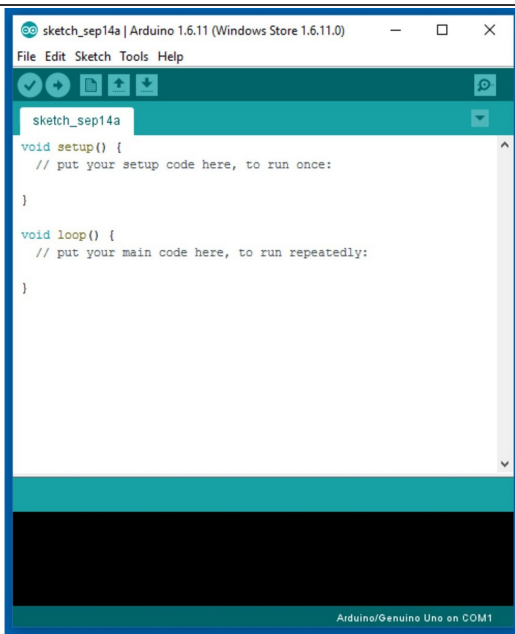
- [Programming 101 Classroom Set](#) (1)
- [Printable Lesson Plan](#) (1)
- [Arduino sketches 4-2, 4-3, 4-4, 4-5](#) (1)

Step 1 — Day 5: More Movement Plus Sounds



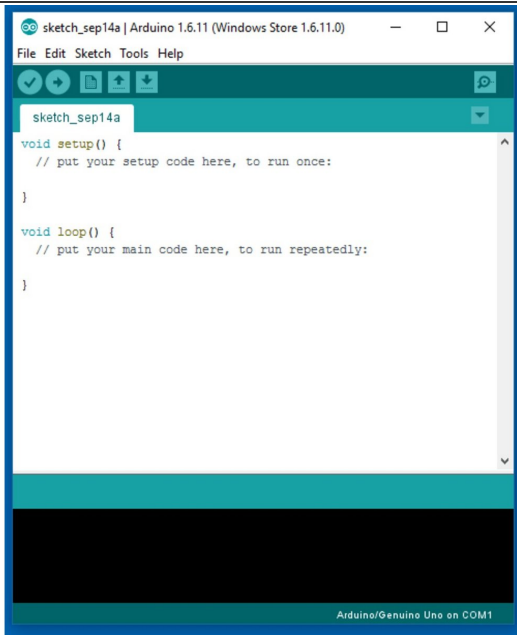
- Find Arduino sketch 4-2 at <https://github.com/BrownDogGadgets/Progr...>

Step 2



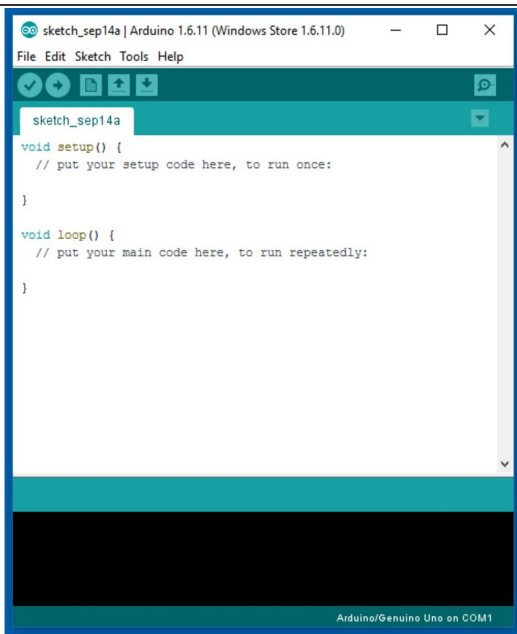
- Find Arduino sketch 4-3 at <https://github.com/BrownDogGadgets/Progr...>

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.

