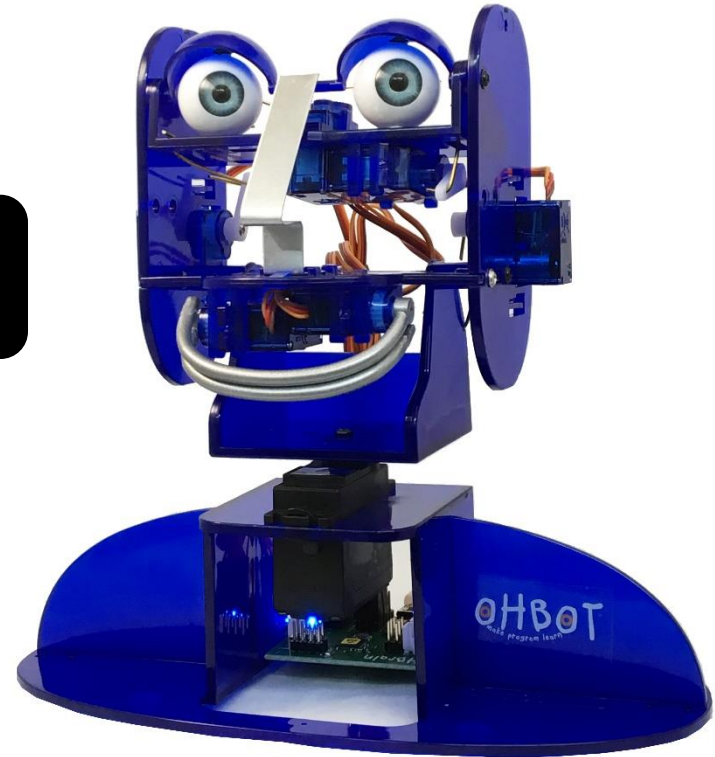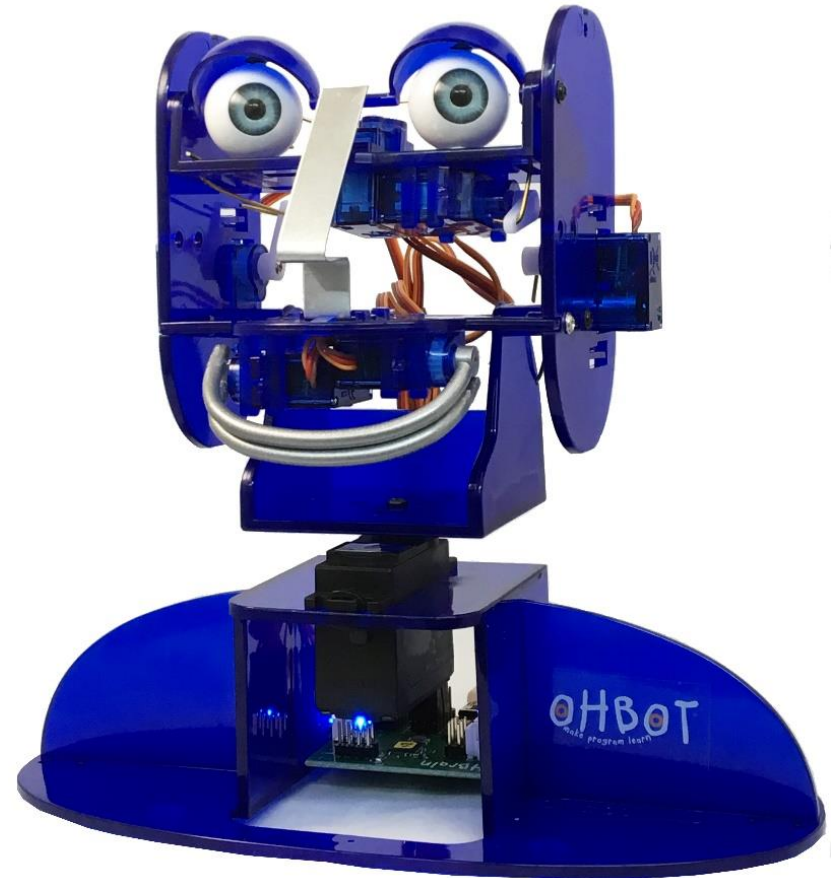# Lesson 1: Oh Puppet

I can program a robot to sense the position of a mouse to set its position
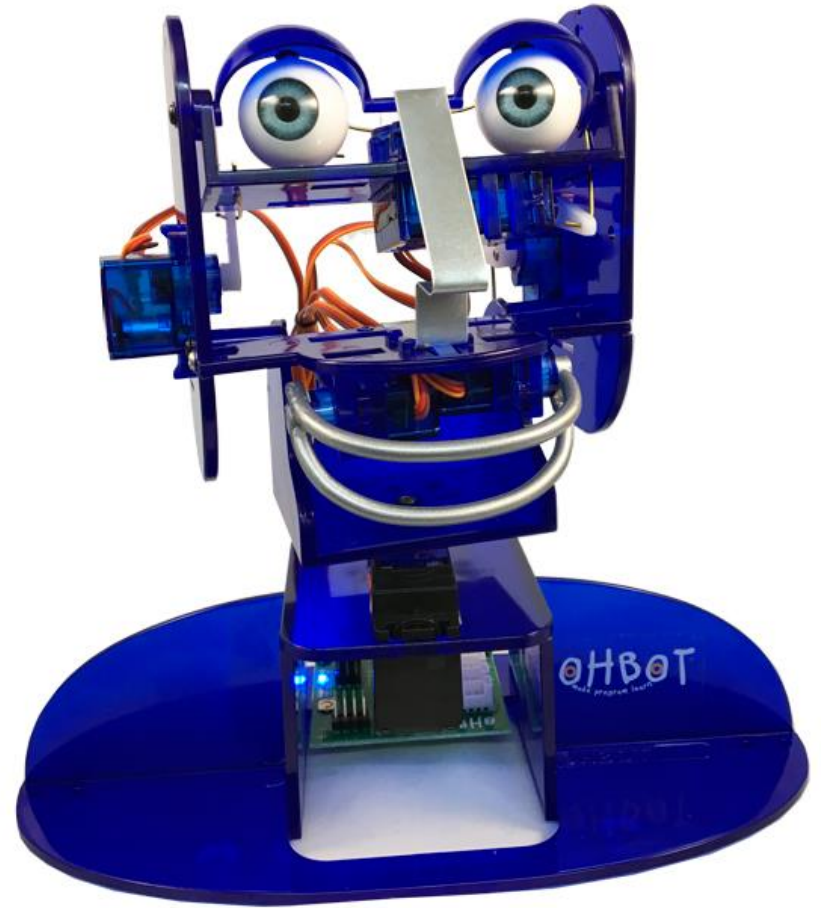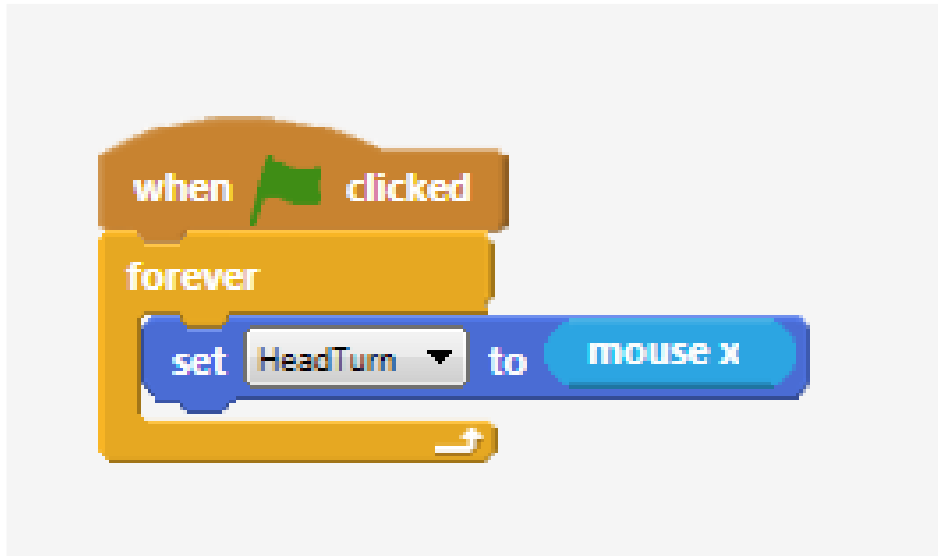
Demonstration

Together we will write a program which senses the position of the mouse and uses this to set the position of Ohbot's head turn motor.
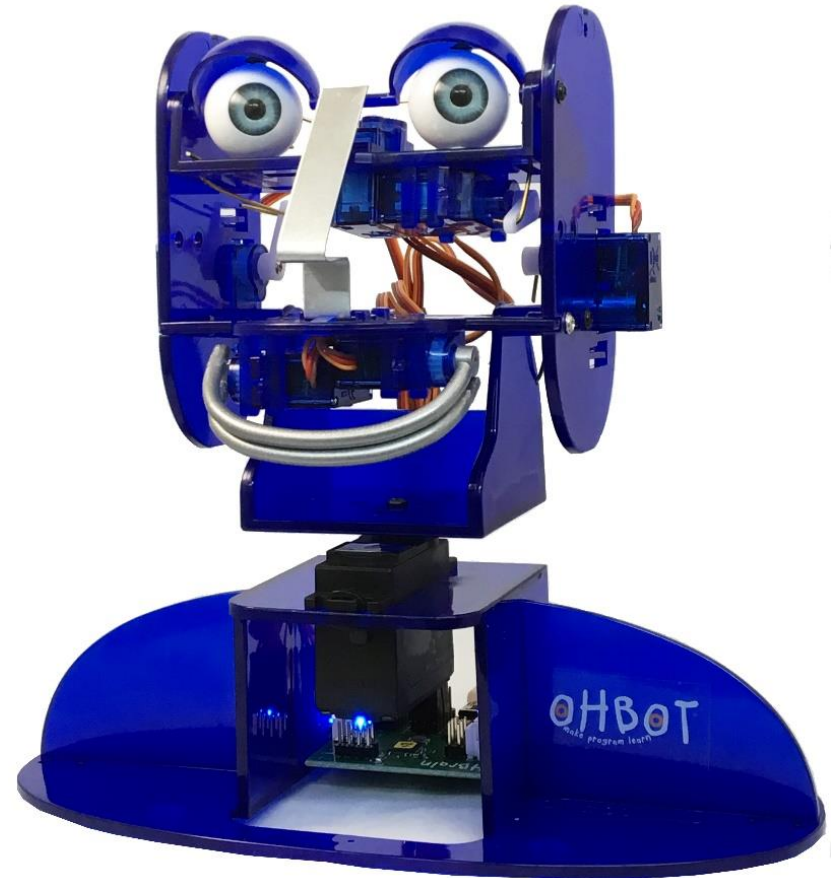
File save as; "puppet head turn"
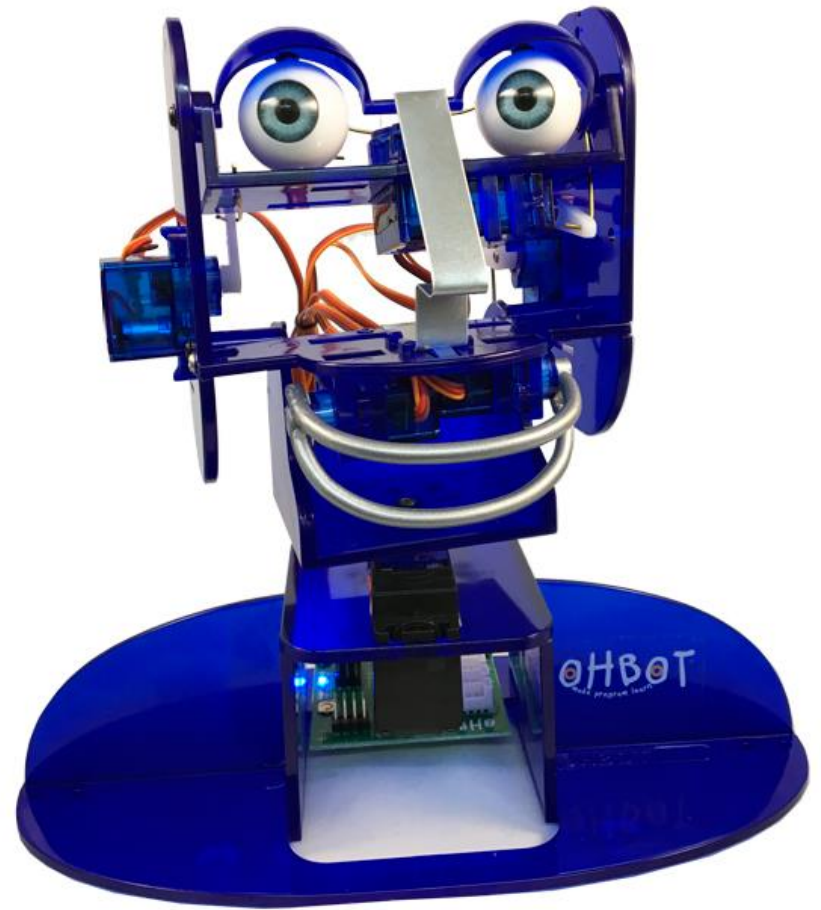
Head turn example

Activity 1

Can you write a program that allows the mouse to control Ohbot's head turn and head nod motors?

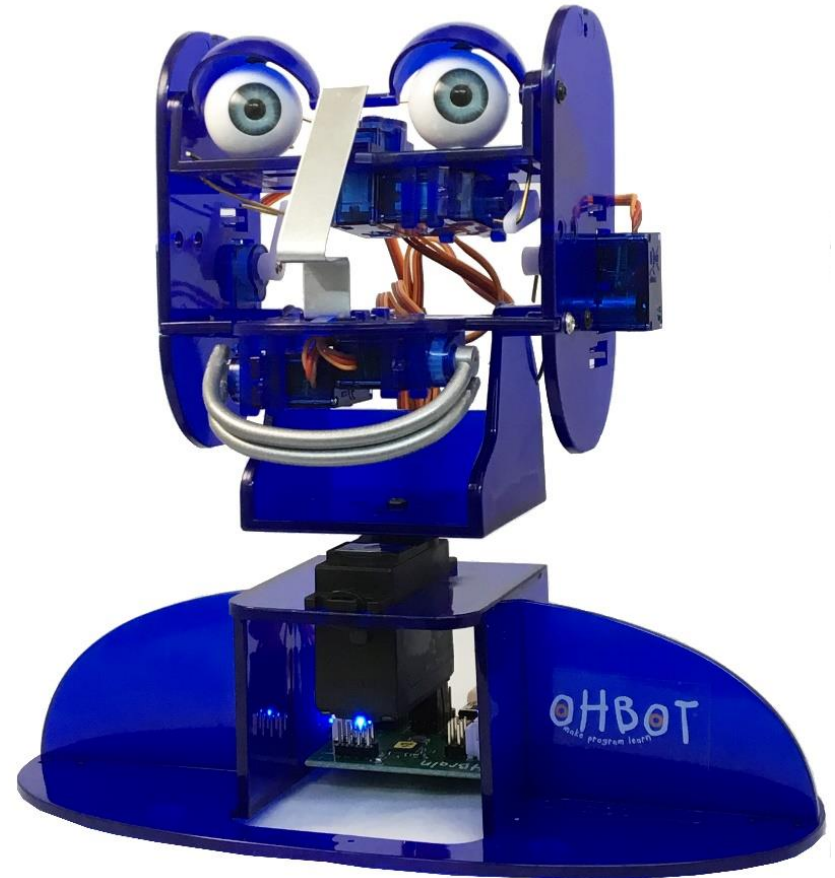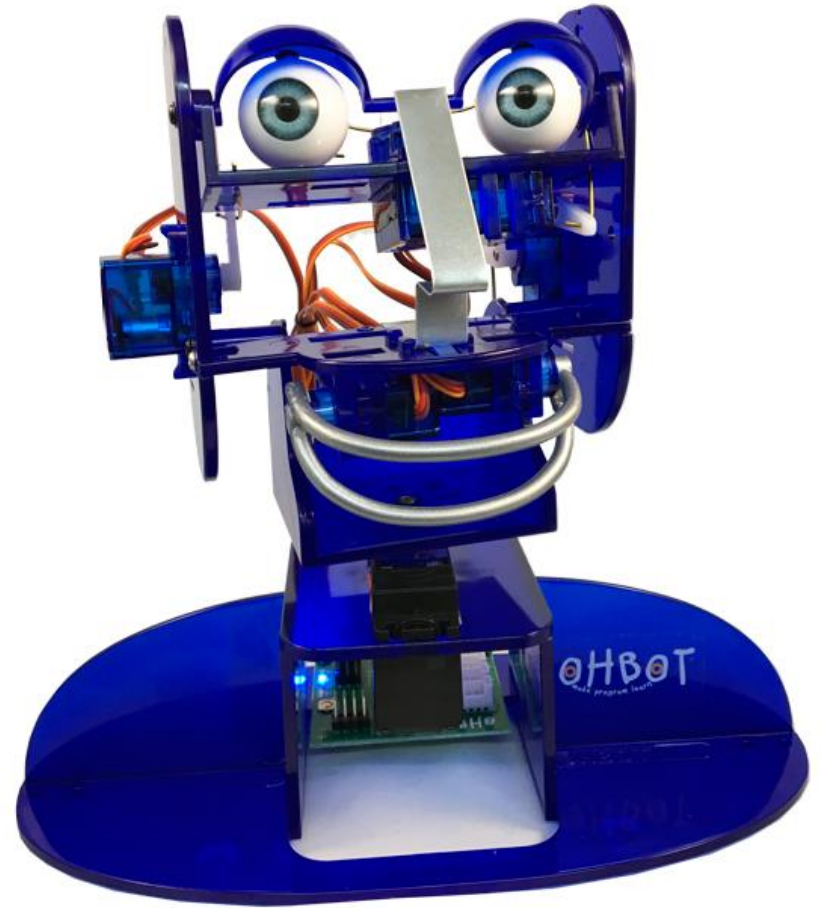File *save as* "puppet

Example: Activity 1

Activity 2

Can you add code to your program so that the mouse controls Ohbot's eye tilt and eye turn motors?
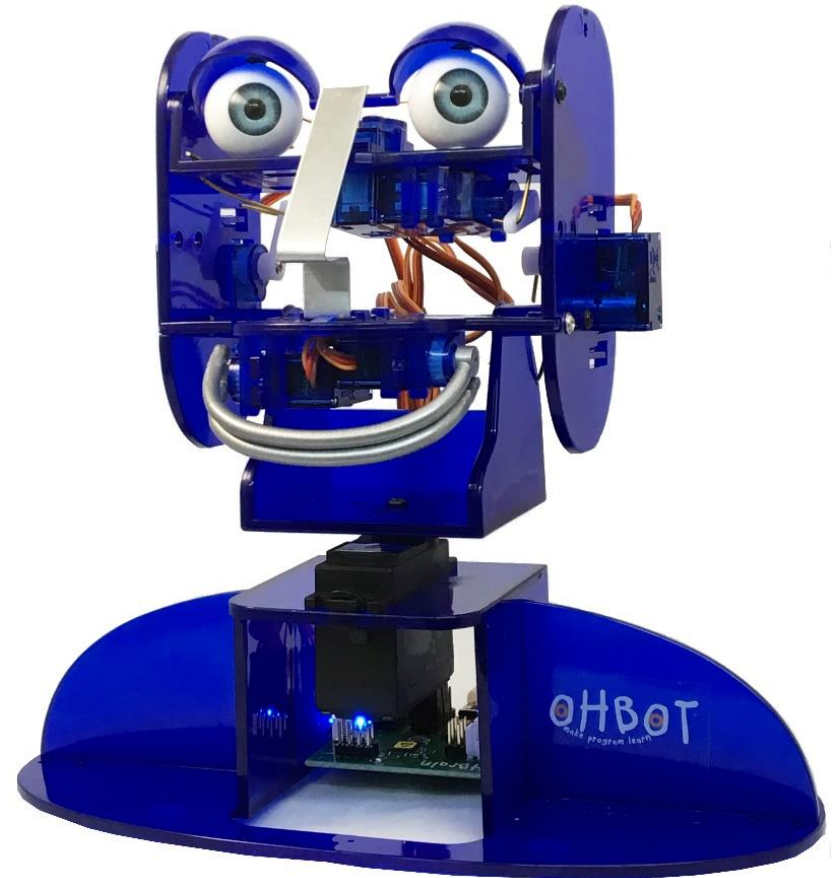
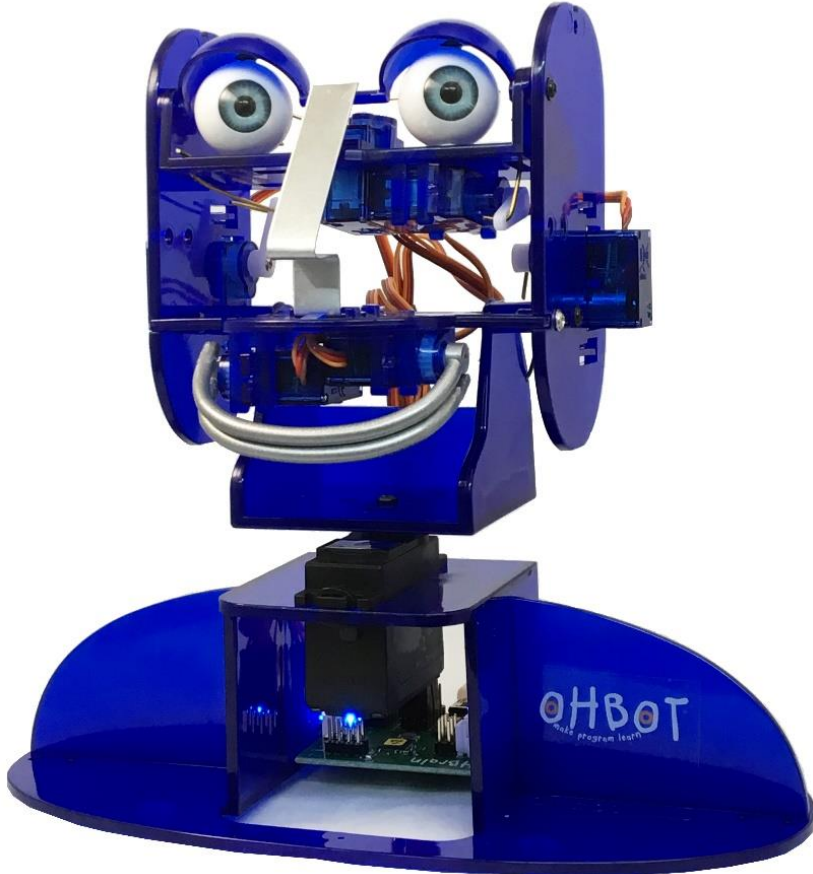File *save as* "puppet head and eyes"

Head and eyes

Activity 3

Can you experiment with using the mouse to control Ohbot's mouth motors.

Activity 3

when [S ▾] key pressed
say [Greetings ladies and gentlemen!] until done

when 🏳 clicked
forever
    set [TopLip ▾] to (toplip)
    set [BottomLip ▾] to (bottomlip)

Extension

Can you add code to your program to make Ohbot perform using speech and movement?