Webpage Design

BRONZE Challenge:

Finish all challenges from last week.

Add a wiring diagram to your webpage.

You can use our Valiant (two wheeled) or Elegoo (four wheeled) circuits from Tinkercad.

SILVER Challenge:

Add a section to your page with instructions for how to program your vehicle to use the ultrasonic, drive the motors in different directions, and combining both to create an obstacle avoidance robot.

You could use screenshots of code from Tinkercad, or you could use the <pre></pre> and/or <code></code> tags in your HTML.

See answer sections on https://fbaps-outreach-hub.dcs.aber.ac.uk/CompSci/Coding/ArduinoC/Intro2ArduinoC.html *for examples of including Arduino C code on a webpage.*

GOLD Challenge:

Your new programming guide should only be visible after pressing a button on your webpage.

It is up to you where the button is – do not forget to style it.

Use JavaScript to make text hide and appear on a button program.

See video on https://www.youtube.com/watch?v=3Eig_YZLVyQ as a reminder of how to use JavaScript

Extension Challenge:

Do some research into self-driving cars, looking at the pros and cons of this technology. Create a new html file for your website to share this information with others.

Thanks!