

A close-up, slightly angled view of a blue Arduino Uno circuit board. The board's surface is covered with intricate copper-colored traces and various electronic components like resistors and integrated circuits. The text 'ARDUINO' is printed in white on the board. Overlaid on the image are three lines of text in a pixelated, digital font. The first line, 'LAB 5', is preceded by a small icon of a computer monitor. The second and third lines, 'LABORATORIO INVENTATO' and 'INVENTED LAB', are stacked vertically. The bottom right corner contains the names of the authors in a clean, sans-serif font.

LAB 5

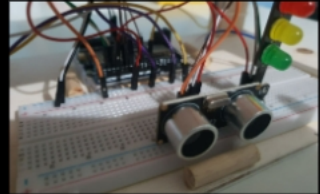
LABORATORIO INVENTATO

INVENTED LAB

DI CAPOZZI RICCARDO, COZZA LORENZO,
MARINI NICCOLÒ, PARMA CHRISTIAN E
PEZZOTTI GIANLUCA

Riassunto

IN QUESTA PRESENTAZIONE
SPIEGHEREMO COME
REALIZZARE UN DISTRIBUTORE
DI PALLINE AUTOMATICO.



Summary

*IN THIS PRESENTATION WE ARE
GOING TO EXPLAIN HOW TO
REALIZE AN AUTOMATIC BALL
DISPENSER.*



▶ CONTENUTI / *CONTENTS*

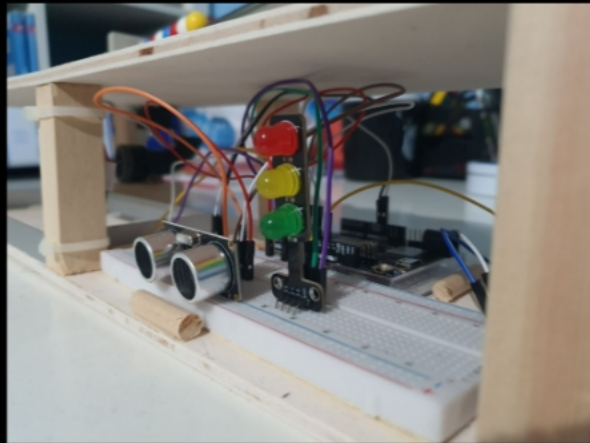
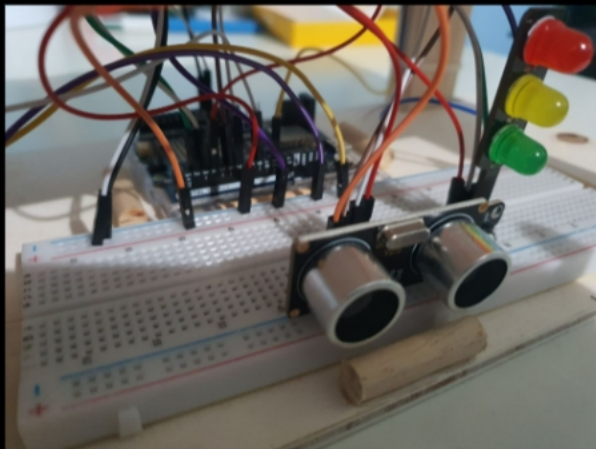
01. CIRCUITO / *CIRCUIT*

02. COMPONENTI /
MATERIALS NEEDED

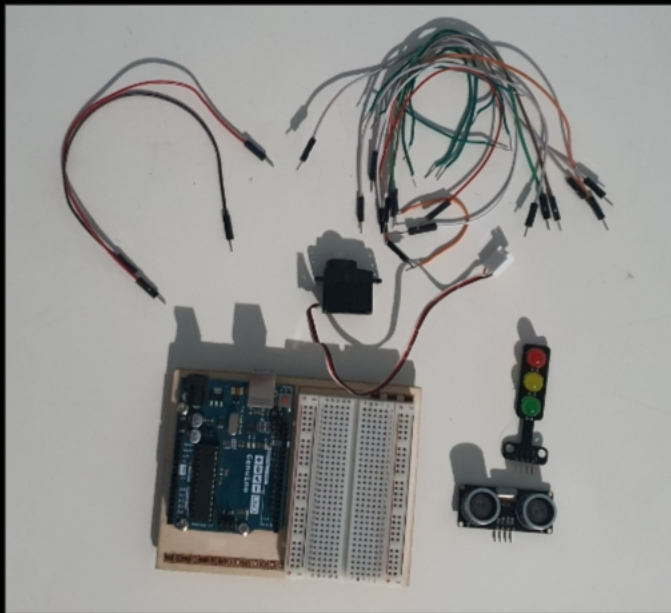
03. SCHEMA ELETTRICO /
ELECTRIC SCHEME

CIRCUITO / CIRCUIT

In questo circuito vi spiegheremo come realizzare un distributore automatico di palline, azionato semplicemente avvicinando la mano al sensore ad ultrasuoni.



In this circuit we are going to explain to you how to realize a ball dispenser that gives you a ball whenever you put your hand close enough to the ultrasonic sensor.



CIRCUITO / CIRCUIT COMPONENTI / MATERIALS NEEDED

Per realizzare questo circuito,
serviranno:

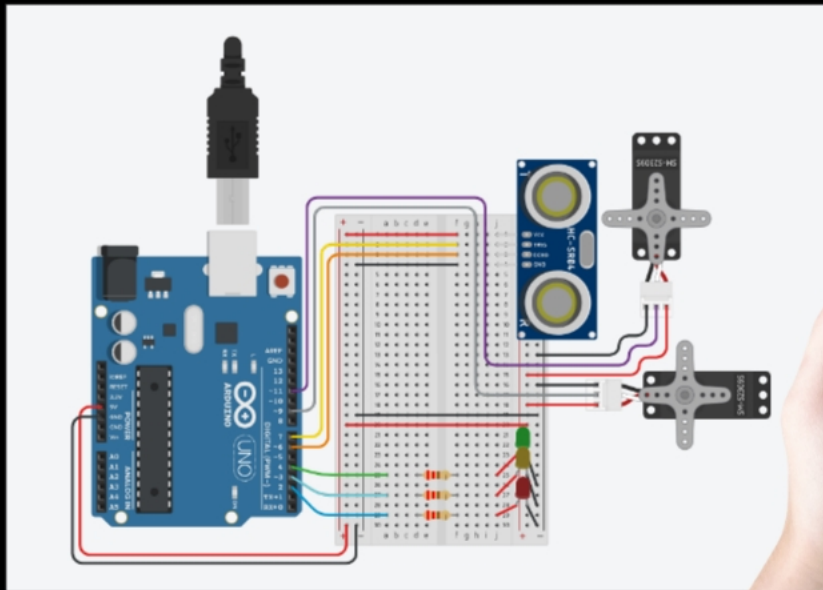
- Scheda Arduino Uno R3 / R4;
- Breadboard;
- 2x Cavi Jumper;
- 15x Ponticelli;
- 2x Servomotore;
- 3x Resistenza da 220 Ω ;
- 3x LED (possibilmente di colori
differenti);
- Sensore ad Ultrasuoni;

*In order to realize this circuit, you will
need:*

- *Arduino Uno Board R3 / R4;*
- *Breadboard;*
- *2x Jumper Cables;*
- *15x Cables;*
- *2x Servomotor;*
- *3x 220 Ω Resistor;*
- *3x LEDs (possibly of different
colours);*
- *Ultrasonic Sensor;*

CIRCUITO / CIRCUIT

SCHEMA FRITZING / FRITZING SCHEME



GRAZIE PER L'ATTENZIONE!



SOCIAL MEDIA