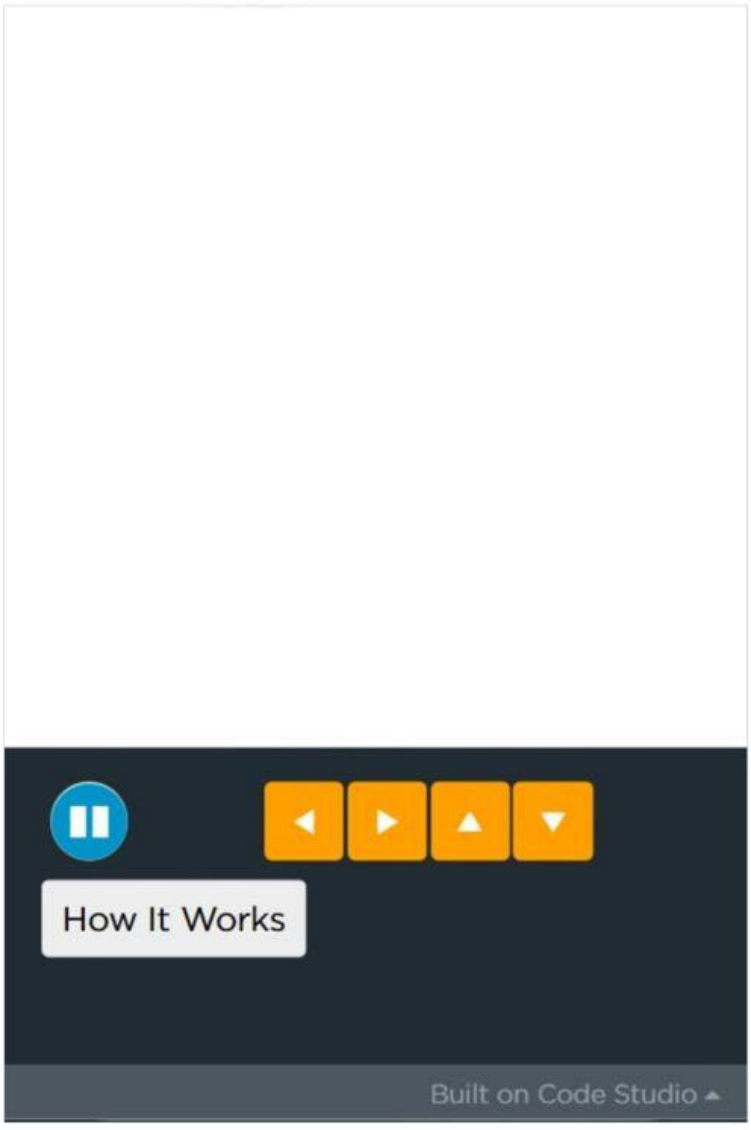
Homework Assignment

DP EDUCATION

Coding School





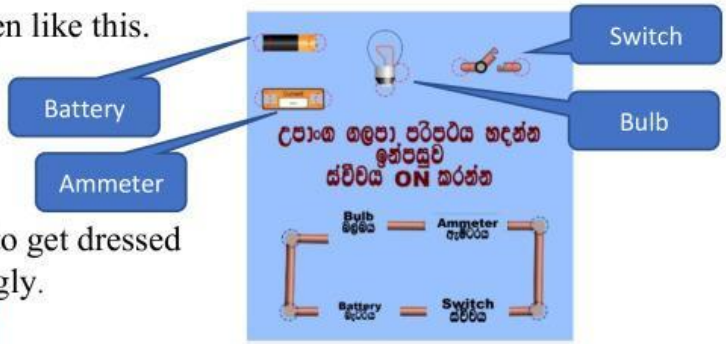
LIVEWORKSHEETS

Let's make an electric circuit

The startup screen you get is from circuit Setup.



- You will see the initial screen like this. Identify its parts



- Click on Battery and below to get dressed Arrange the blocks accordingly.



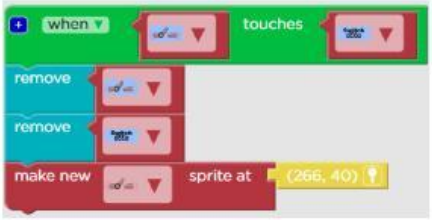
- When the battery touches the battery label, arrange the blocks as follows to remove the battery label and the battery.



- Click on Switch and arrange to drag the blocks as before.



- When the Switch is touched on the Switch label, remove the Switch label and the Switch and prepare the blocks to add a new Switch with Make new sprite.

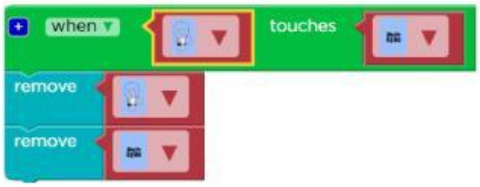


LIVEWORKSHEETS

- Click on the bulb and arrange the blocks so that it can be dragged.



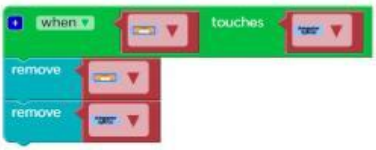
- Arrange the blocks to remove the Bulb label and the Bulb when the Bulb touches the Bulb label.



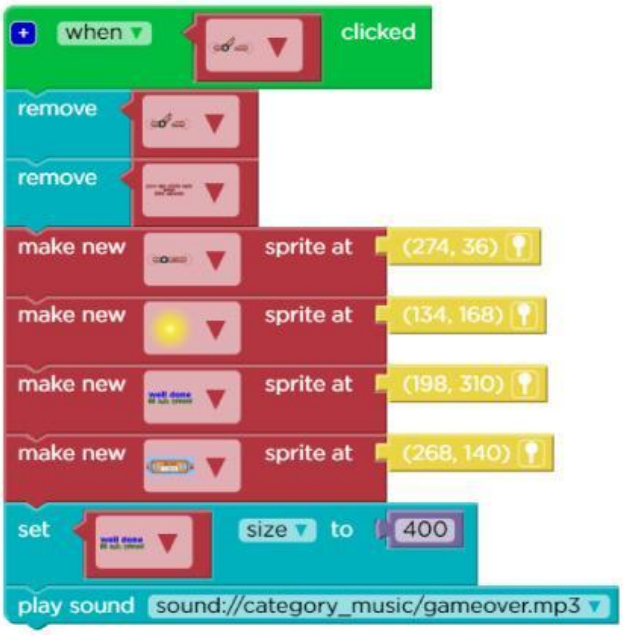
- Arrange the blocks as follows to click and drag the Ammeter



- Arrange the blocks to remove the label and the Ammeter when the Ammeter touches the Ammeter label.



- When Off Switch is done, Off Switch will disappear and an On Switch must be added by making new sprite to add an On Switch.
- Also, add the light to show the bulb is on, the Ammeter to show the reading, the sprite that says “Well done you are a real genius” (its size should be around 400) etc. and make a sound so arrange the blocks as shown in the image.
- Position each sprite correctly.



LIVEWORKSHEETS

Select the correct Answer.

1. 

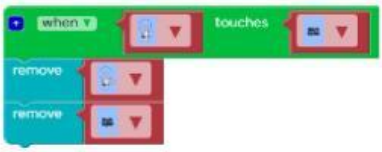
What does this Blocks set do?

   When you click on the battery, the battery will move across the screen.

   The battery can be worn when clicked on the battery.

   Clicking on the battery will move the battery up and down.

2. What are the blocks involved in making a butterfly say “you're awesome” for a split second when the bulb touches the appropriate spot?









3. 
What blocks did you get to render this screen?

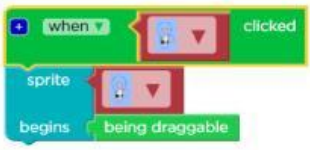




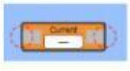


4. Click on the blocks used to move the bulb.







5. What is measured by the ammeter seen in this figure? 

1.Measure the potential gap. 2. Current measurement. 3. Temperature measurement.

LIVEWORKSHEETS