

# DELHI PUBLIC SCHOOL, JAMMU

Session (2021-22)

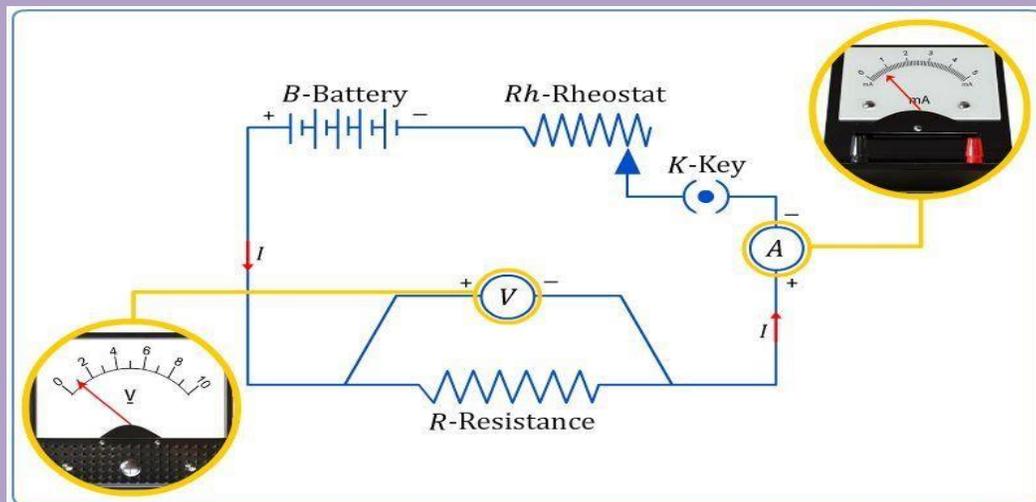
Holiday Homework

Class: X

SUBJECT-SCIENCE

## Physics

Perform an experiment on Ohm's law and prepare a project by pasting diagrams of electronic devices with their use in ohm's law circuit.



The project report should include:

1. Observations in Ohm's law

2. Connection of various devices in circuit.
3. Functions of all devices
4. Idea about linear and non-linear conductors

Link : <https://youtu.be/t0zXLxut7mc>

*Note: The Activity should be done manually and the project should be handwritten and done on a file with proper acknowledgement, certificate and bibliography.*

## Chemistry



**Perform an activity and make a project report on Corrosion in different types of metals (Iron, copper, silver and aluminium).**

The project report should include:

- 1.Observations at different intervals of time.
- 2.Samples collected before and after corrosion.
- 3.Definitions and reactions of metals due to corrosion.
- 4.Methods of prevention of corrosion.

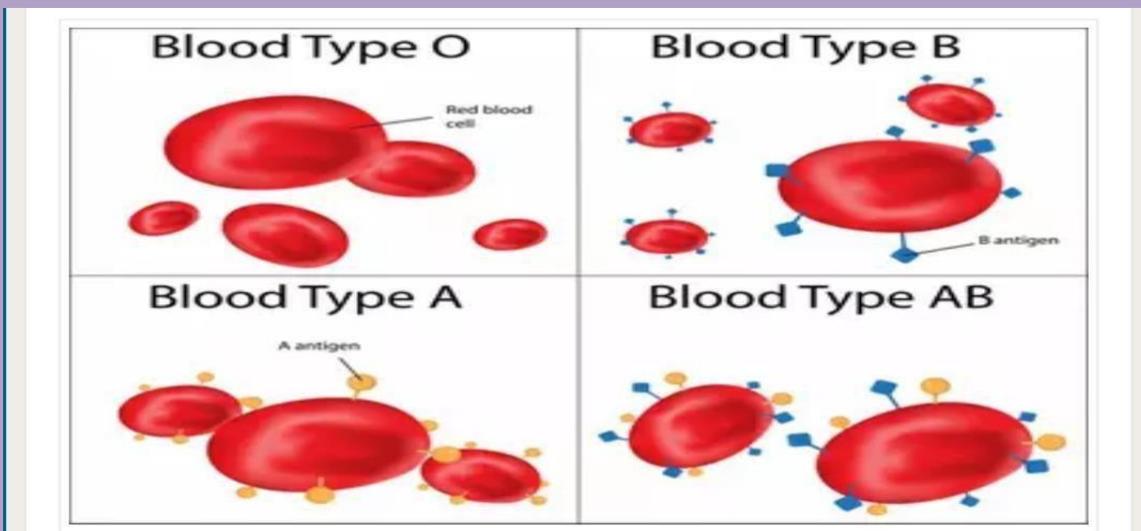
Links : <https://www.youtube.com/watch?v=m8t4btjJd5Y>

*Note: The Activity should be done manually and the project should be handwritten and done on a file with proper acknowledgement, certificate and bibliography.*

# Biology

## BIOLOGY

**Q1.REPORT:** Make a report on human blood groups (with their characteristics).



**Q2. ACTIVITY:** Write about 10 food items that increase our immunity and also mention how they do so.

[https://youtu.be/b\\_wxaHwJ0aM](https://youtu.be/b_wxaHwJ0aM)

**Q3.** Explain the structure of human heart. Also draw well labelled diagram.

**Q4.** Explain the mechanism of 'reflex action' in human body with suitable examples.

**Note -**

1. Send your Holiday Homework by e-mail to your respective Subject Teacher by 13th of July,2021. Your submission will carry 4 marks.( 2 marks- Subject Relevance & Research, 2 marks- Handwriting).

2. Practice for your Homework/ Project Presentation (5-6mins) to be held during virtual class after holidays. It will carry 6 marks.

(2 marks- Confidence, 2 marks- Subject Clarity, 2 marks- Presentation Skills).

3.The schedule for presentation will be shared later.

4.The teacher may ask 1 or 2 questions during the presentation.

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