

DELHI PUBLIC SCHOOL, JAMMU

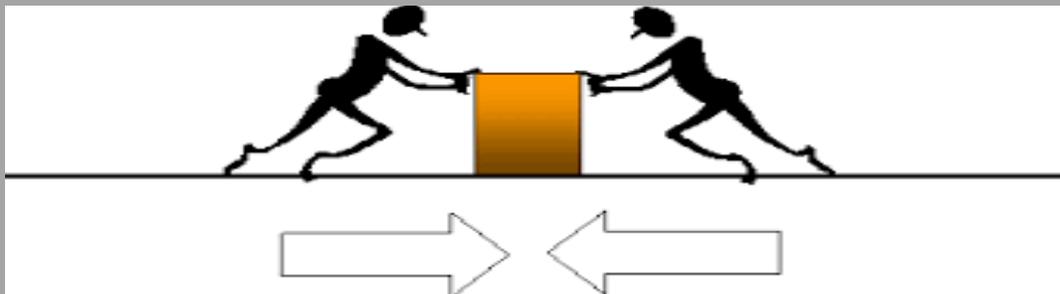
Session (2021-22)

Holiday Homework

Class: IX

SUBJECT-SCIENCE

PHYSICS



Project: Prepare a project report on Balanced and unbalanced forces.

Activity: Based on simple house hold materials.

Click on the link given below to watch the activity based on balanced & unbalanced

Forces

<https://youtu.be/mr5o5190gQ4>

NOTE:

- 1. The project report should be handwritten and done on A4 size sheets.**
- 2. It is to be completed within minimum limit of 6 to 8 pages with neat diagrams.**

CHEMISTRY

- Perform an activity and make a project report on diffusion and the factors affecting the rate of diffusion.

ACTIVITY : TO DISSOLVE THE FOLLOWING SUBSTANCES IN WATER :

- i) TEA BAG ii) FOOD COLOUR (SOLID)
iii) RED INK iv) HONEY v) GLYCERINE

Q1. Record observations during the performance of activity and note the different diffusion rates of these substances in water.

Q2. How do the observations change in hot water?

Q3. Give 10 examples of diffusion in everyday life.

: <https://www.youtube.com/watch?v=9QzYR5waXw0>

NOTE: 1. The project report should be handwritten and done on A4 size sheets.

2. It is to be completed within minimum limit of 6 to 8 pages with neat diagrams.

3. For performing activity you can take help from given YouTube link.

BIOLOGY

REPORT: Make a report on Epithelial tissue(Animal tissue)

ACTIVITY: To show the process of germination in jar.

LINKS: <https://youtu.be/RTRW2Cf9U2U>

<https://youtu.be/c79hFP5cJg0>



Q1. Give the characteristics of simple permanent tissue. Also explain its types.

Q2. Explain the functions of blood and lymph in human body.

Q3. Write a note on complex permanent tissue.

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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