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Winter Holiday Homework

Class 9th bio

- Practice of diagrams from biology book
- Learn bio lesson exercise
- write summary

Class 9th Physics

1: Make a project on any one from the following

- a) Newtons third law of motion
- b) Laser security system
- c) Solar system
- d) Work and energy
- e) Laws of motion and equations of motion

2: prove equation of motion by graphical and mathematical method.

3: write laws of motion with suitable example.

4: what is universal law of gravitation? Using this describe acceleration due to gravity and equations of motion under gravity.

5: what is work and what is the physical significance of work?

6: write short notes on

- a) Kinetic energy
- b) Potential energy
- c) Law of conservation of energy.
- d) Commercial unit of energy.

7: What is sound and how it propagate in a medium?

8: What is the reflection of sound? Using the concept of reflection of sound describe echo and write the conditions of echo.

Class 9th Chemistry

1. Activity

Draw the imaginary diagrams of the following:

i) Sublimation

ii) Latent heat of fusion

iii) Latent heat of vaporization

iv) Particles of matter are continuously moving

v) Particles of matter have space between them

vi) Affection of surface area, humidity, temperature, wind speed on evaporation

vii) Why do we see water droplets on the outer surface of the glass containing ice cold water?

2. Assignment

i) Learn answers of all questions of first four chapters of chemistry and write it in separate note book.