TECHNO INDIA GROUP PUBLIC SCHOOL, KONNAGAR

SUMMER VACATION HOLIDAY HOMEWORK

CLASS:IX SESSION: 2017-2018

- Follow the instruction properly and do it accordingly.
- Do the homework in the correct place as instructed. [copy, worksheet, project file etc.]
- Handwriting should be legible and work should be neat and tidy.
- You must do the homework by yourself and finish the work in time.
- Homework needs to be submitted on the reopening day.
- Do drawing practice and read newspaper and learn to find word meanings from dictionary.

ENGLISH: Using information of page 2, 3 & 4 of your English MCB book create a personal inventory in your Language copy.

MATHS: To obtain the mirror images of figures with respect to a given line.

Use laboratory kit to do the above work.

Physics: Graphically represent the 3^{rd} equation of motion($v^2 = u^2 + 2aS$) and prove it.

(Use project file to do the above work)

Biology: Draw and compare a plant cell and an animal cell.(Use chart paper to do the given work).

Chemistry: Answer the following questions in your chemistry note book.

- Q1. What do you understand by: a. Plasma state b. BES (BOSE EINSTEIN CONDENSATE)
- Q2. How can the boiling point of a liquid be raised without adding any soluble impurity?
- Q3. Why we sweat more on a humid day?
- Q4. Why wet clothes do not dry easily on a rainy day?
- Q5. What is the difference between a gas and a vapour?
- Q6.Explianwhy ice has lower density than water.
- Q7. Why is heat energy needed to melt a solid?
- Q8. Define latent heat of vapourisation.
- Q9. Define the term latent heat of fusion of a solid.
- Q10. What is sublimation? Write any 3 substances which are sublimate on heating?

Learn all ncert questions and answers from chapter-1.

SOCIAL STUDIES:

History: Write the "Declaration Of Rights" of man and citizen. (Hist -Notebook)

Geography: On the outline map of India locate and label the following with appropriate symbols.

a.State with capitals

b.Tropic of cancer

c.Standard Meridian

d. Southernmost, northernmost, easternmost and western most point of

India.

e. Two neighboring countries lying in NE, NW, N and W part of India.(Project file)

Pol -Science: Write five differences between democratic and Non-democratic Country. (Pol -Science Notebook)

Economics- Answer the following questions:-

- a. Describe any three ways by which production can be increased from a fixed plot of land.
- b. Write a short note on farm and non-farm activities in the village Palampur. (Eco-notebook)

COMPUTER

How is Digital convergence affecting our life?

2ND LANG-HINDI- **रैदांस के समकालीन संत कवियों की सूचि बनाएं। उनमें से किन्हीं तीन कवियों की कुछ** पंक्तियां चित्रसहित लिखें।(Use project file)

 2^{ND} LANG-BENGALI- 2^{ND} LANG-BENGALI- "Bj Byj¢Vl -iyfx "l Afx, cxNÑj Q¢l-æl -Lje Q¢læ¢V -Le -ajjjl ij-mj -m-N-R aj -m-Mj (100-120 n-ël j-dÉ) z