



# **DY PATIL INTERNATIONAL SCHOOL, BOKARO**

**Vidya Vihar Complex, Talgaria Road, Alkusa-827013**

**(Affiliated to C.B.S.E, New Delhi, up to +2 level, Affiliation no. 3430753)**

## **HOLIDAY HOMEWORK**

### **GRADE X**

Dear Parents,

Summer vacations are a welcome break for our children- a break from getting up early in the morning and following a fixed schedule. This is a great time to learn new things. Keeping this in mind, to keep our little angels engaged and to channelize their energies we have planned very interesting and creative holiday home works for them.

**It's time to have fun, create and invent.**

#### **Introduction:**

Summer vacation provides a much-needed break from the academic routine, offering ample opportunities for relaxation, exploration, and personal growth. During the summer break, enjoy spending time with family and friends, and engaging in various activities, and pursuing your hobbies of interest.

Additionally, take this time into reading interests, exploring a variety of genres and authors. Do enjoy spending time outdoors, playing sports and cycling with friends, which will help you to stay active and refreshed. Overall, summer vacation is a period of rejuvenation and enjoyment, allowing you to recharge and prepare for the upcoming board exams.

Here are some work assigned, that will help you to cope up with your scholastic and co-scholastic area as well. The details of all the subjects are given below.

#### **ENGLISH**

1. *Write one letter on each of the following categories:*
  - a) *Complaint Letter (Issue and Product)*
  - b) *Placing Order*
  - c) *Inquiry Letter*
  - d) *Letter to the Editor*
2. *Write catchy Articles in 180-200 words, on any two of the following topics:*
  - a) *Stress Management during preparation of exams*
  - b) *Skill Based Education*
  - c) *Social Media: Effects and ill Effects*
  - d) *Mushrooming Coaching Centers: Boon or Bane*
  - e) *The Deteriorating Values in Teens*
3. *Create interesting stories in 200-250 words, each on any two of the following themes:*
  - a) *Comedy*
  - b) *Tragedy*
  - c) *Courage and Heroism*
  - d) *Prejudice*
  - e) *Good vs. Evil*
4. *Make catchy posters on A3 size sheet, on the following topics:*

- a) World Environment Day
- b) International Yoga Day
- c) Child Abuse
- d) World Population Day
- e) World Tobacco Day

5. Practice any two, each of Factual and Discursive passages from Together With-Pullout Worksheets.

6. Revise the syllabus covered till date.

NOTE: The Homework must be compiled in a Spiral Notebook, except Posters.

## HINDI

ग्रीष्मावकाश में हिंदी गृह कार्य व परियोजना कार्य

क) A 4 साइज पेपर में भक्ति काल के दो प्रमुख कवियों के कवि परिचय व आधुनिक काल के किन्हीं दो लेखकों के लेखक परिचय सचित्र वर्णन करके लिखें।

ख) A 4 साइज पेपर में पद परिचय के विभिन्न अंगों का एक वृक्ष तैयार कीजिये।

ग) एक स्वयं निर्मित सुंदर परियोजना पुस्तिका तैयार करें और दिए गए गृह कार्यों को उसमें संलग्न करें।

## MATHEMATICS

1. Revise chapter: "Trigonometry" & "Polynomial"
2. On a half size chart paper show the derivation of all values of all T-Ratios of  $0^\circ$ ,  $30^\circ$ ,  $60^\circ$  and  $90^\circ$

## SCIENCE

### PHYSICS

1. Revise chapter: "**Light: Reflection and Refraction**"

2. Prepare a report on "**Human eye**".

Include the following:

- Front page that includes school name and address, your topic, your name, submitted and guided by, session etc.
- Acknowledgement
- Index page
- Introduction of human eye [construction (proper well labelled diagram) and working of each part]
- Power of accommodation
- Defects of vision and their types
- Correction of defects (include proper ray diagram)
- Bibliography

**Note:**

1. Do your creativity in report in hand written format only.

2. Report should be written in A4 size paper and should be submitted in stick file.

## CHEMISTRY

1. Revise chapter: “***Chemical reaction and equations***”

## BIOLOGY

1. Make a collage of:  
***Digestive system, Respiratory system, Human heart and excretory system***
2. Make a model to show “***transportation in human body***”.
3. Write and learn the notes of “***nutrition and respiration***”.
4. Visit a nearby hospital and make a report on any ten persons heartbeat, types of blood, height, weight etc

## SOCIAL SCIENCE

1. Draw a chart showing “***the horizontal and vertical division of power***”.
2. On a chart paper frame, “***the sectors of the Indian economy***”.
3. Make a project focusing on the topic “***sustainable development***”.  
This project should examine the meaning of sustainable development, its importance, and the issues it addresses, researching the steps taken by the Indian government to promote sustainable practices in a specific sector, like agriculture or energy.
4. Make a project focusing on the topic “***social issues of India***”.  
Choose a specific social issue like gender inequality, caste discrimination, linguistic diversity, regionalism, economic disparities, or religious diversity. The project should focus on the challenges faced by women in a particular community and potential solutions.

## INFORMATION TECHNOLOGY

1. Prepare a report on “***methods and types of communication***” with diagram.

[Report should be written in A4 size paper and should be submitted in stick file]