

Beetle's International School

Summer Holiday Homework (2024-25)

Dear Parents

As the upcoming summer holiday approaches, we would like to share with you an amazing opportunity for your child to take part in engaging and meaningful activities.

Enclosed with this message is; a summer break Assignment designed to encourage creativity, exploration, and lifelong learning. With these fun and educational summer activities, we are certain your child will have a fabulous time learning and exploring.

We encourage you to go along with your child on this journey of exploration. Together, let's make this summer break one filled with accomplishments, joy, and priceless memories.

Kindly be informed that Holiday Assignment will be assessed and evaluated and marks scored will be included in the forthcoming Exam.

Last date for submission of Holiday Assignment is Monday 24th June, 2024.

School reopens after Summer Vacation on Wednesday 19th June at 8.00 am. (Summer Schedule follows)

I wish everyone a wonderful and refreshing break!

PRINCIPAL

Class XII (HUMANITIES)

Subject : English

Do entire work in a file.

- Q. 1 Prepare a project file that includes a write up about "Positive Attitude in life" or "Dream big and achieve it". (Word limit 500 words) You can paste relevant pictures and also decorate it accordingly.
- Q. 2 Read any novel of Charles Dickens/ Vikram Seth / Chetan Bhagat or any author of your choice write a book review on it describing all the main characters including flow chart and synopsis.
- Q. 3 Prepare a news letter, covering all the activities done in the school during April and May. It must contain four pages alongwith message from Principal, vice Principal, Class teacher and some articles. You can visit school Website for reference but please do not copy paste.
- Q. 4 Read chapters of your course book and prepare a flow chart of any two chapters from each book. (Vistas/Flamingo/Poetry)
- Q. 5 Learn all notes and chapters done in class.
- Q. 6 Write any story on "Meeting with the celebrity. Paste or draw pictures accordingly. Decorate it wonderfully. Also prepare yourself to narrate with proper modulation and intonation. Give it a catchy title also.

Subject : Physical Education

Write in following practical in Lab Manual with pictures.

- Q. 1 Practical 1 : Fitness Tests Khelo India Test (SAI)
- Practical 2 : Procedure for Asanas, benefits and contraindication for any two Asanas for each lifestyle diseases.
- Practical 3 : Anyone IOA recognized sports game of choice. Labelled diagram of field and equipment. Also, mention its rules, terminologies and skills.

Subject : Informatics Practices

- Q. 1 Write python program and their output.
- Write a program to calculate the length of a string.
 - Write a program to create and display a one – dimensional array like object containing an array of data.
 - Write a program to add, subtract, multiply and divide two pandas series.
Sample series [2, 4, 6, 8, 10], [1, 3, 5, 7, 9]
 - Write a program to compare the elements of the two series.
Sample series [2, 4, 6, 8, 10], [1, 3, 5, 7, 9]
 - Define data frame in Pandas.
 - What is Pandas numpy array?
 - Write a numpy program to extract all odd numbers from a 1 dimensional array input.
array = [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
 - Find the output of the following program:
Import numpy as np
a = np.array)(30, 60, 70, 30, 10, 86, 45)
print (a [2 : 5 : 2])
- Q. 2 Make a 3D model of star topology and tree topology.
- Q. 3 Make a working model of AI Based Rader signal processing.

Subject : History

- Make a project as prescribed by CBSE.
- A3 size colourful sheets will be used topics:
 - The Indus Valley Civilization – Muskan
 - Global legacy of Gandhian Idea's –Aradhya
 - The Revolt of 1857 – Chitraksh Gangwal
 - Vision of Kabir – Himani
 - Indian Constitution – Harsh Sharma
 - Buddha – Pooja Gurjar
 - Bhakti Movement – Nidhi Saini
 - Sufism
- Models and charts to be prepared for exhibitions.
 - Terracota – Pooja Gurjar
 - Pyramid of Giza - Aradhaya
 - Indian Constitution – Himani Singh

Subject : Geography

- Make models on the following:
 - Barometer
 - Psychomotor
 - Wind Vane
 - Magnetic Compass
 - Rota Meter
 - Rain Gauge
- Tanushree Sharma
Pakhi Yogi
Parth Gaur
Pooja Gurjar
Aradhya Khandelwal
Gunjan Singh

vii)	Globe	Tatvika Khandelwal
viii)	Thermometer	Mahima Sharma
ix)	Topography	Stuti Sharma
x)	Latitude / Longitude	Payal Meena
xi)	Energy Resources	Himani
xii)	Transport and Communication	Pratishtha

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- i) Make a project file, the file should be completely handwritten with cover page, index and acknowledgement.
 - ii) All statistical diagrams and maps should be drawn neatly.
 - Data, its source and compilation
 - Data Processing
 - Graphical Representation of Data
 - Spatial information Technology

Note: Students will use A3 size colourful sheets and write with the help of thin markers (Black Pen)

Subject : Political Science

Students will make the model on the following topics:

- i) Bhartiya Janata Party
- ii) Cuba Missile Crisis
- iii) Hindutva
- iv) Mr. Narendra Modi
- v) Political Parties
- vi) Impact of Social Media on Political Participation
- vii) Mr. Jawahar Lal Nehru
- viii) Globalisation
- ix) China an emerging super power
- x) Prime Ministers of India (1952 – 2024)

Subject : Economics

1 Make a project as prescribed by CBSE.

2 A3 size colourful sheet will be used:

Topics:

- i) Balance of Payment
- ii) Human Capital formation
- iii) Foreign Exchange
- iv) Money and Banking
- v) Rural Development
- vi) Government Budget
- vii) National Income
- viii) L.P.G. (Economics Reforms)