



Rukmani Birla Modern High School

Session 2024-25

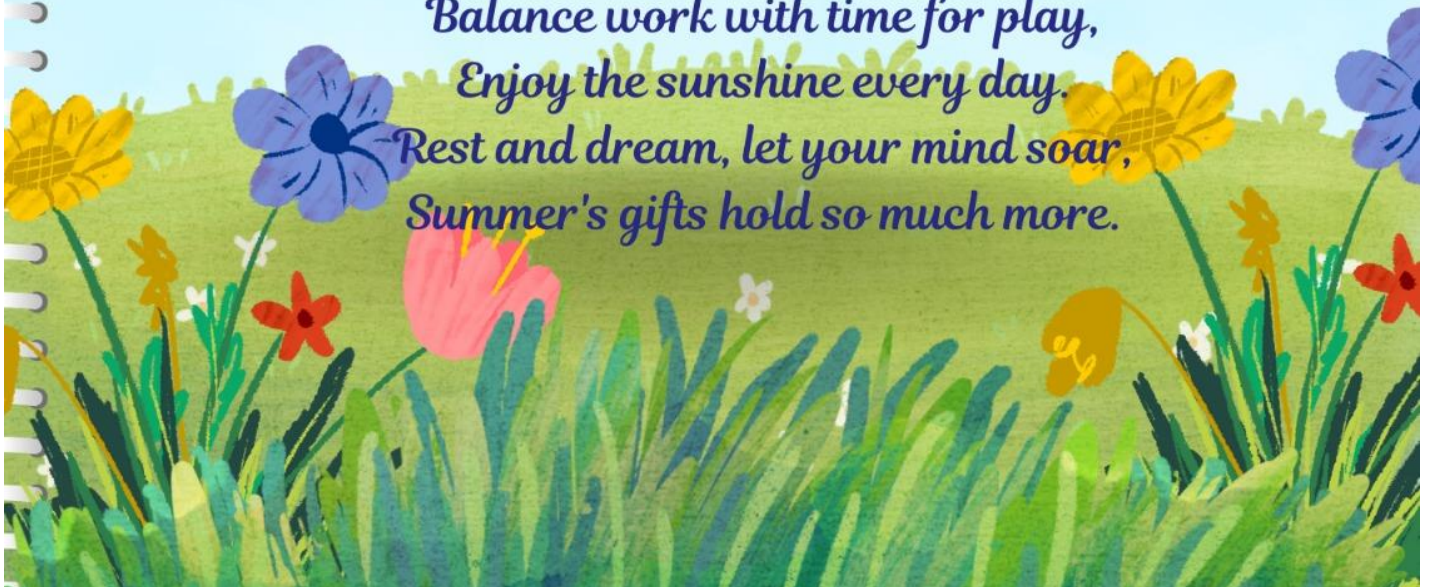
SUMMER ASSIGNMENT

*Summer days, so warm and bright,
Filled with laughter, pure delight.
Every day a chance to see,
The world in all its mystery.*

*Explore the world, both near and far,
Find out just how brave you are.
Let curiosity be your guide,
In every step, take pride.*

*When you return to books and class,
You'll be refreshed and strong at last.
For summer's magic, soft and slow,
Is the seed where knowledge grows.*

*Balance work with time for play,
Enjoy the sunshine every day.
Rest and dream, let your mind soar,
Summer's gifts hold so much more.*





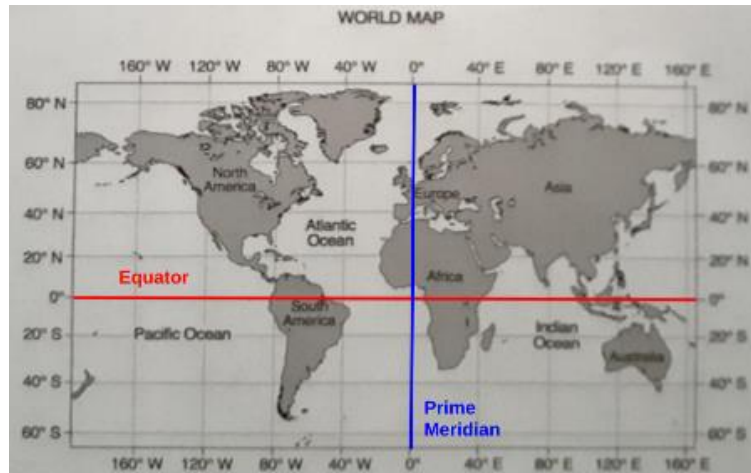
RUKMANI BIRLA MODERN HIGH SCHOOL, JAIPUR
SESSION- 2024-25
HOLIDAY ASSIGNMENT
Class – X

Assignments help students to innovate new ideas and develop critical thinking skills. Our aim is to turn to open-ended, student-centered assignments to allow them to blend sport with culture and education in order to create a way of life based on **joy of effort**, spirit of friendship, solidarity and fair play and developing the educational value to present oneself as a role model.

Instructions:

- Students to do their assignment on A4 size sheets.
- Integrate all the subjects and get it into spiral binding
- Design the cover page in such a way that it reflects your topic.

| Subject | Assignment |
|--------------------|---|
| English | <p>Create a Tabloid using clues and headlines with small articles related to Paris Olympics.</p> <ul style="list-style-type: none">• A LOOK BACK AT THE 1924 GAMES <p>Paris is preparing to hold the Olympics this summer, exactly 100 years from when the French capital last hosted the Games in 1924. Look back at what those early Olympic Games were like and find out what's left of the 1924 Olympic stadiums, some of which will be used again in the Games this year.</p> <ul style="list-style-type: none">• Olympic Torch- Significance, Vision and Journey• Meals and Gourmet dishes - to be offered to athletes and visitors• Olympics- A Cultural Event <p>Note:</p> <ol style="list-style-type: none">1. Tabloid: A newspaper with small pages, a lot of pictures and short articles.2. A4 size 8 coloured leaves.3. Rubrics – Presentation, Content, Pictorial representation, Creativity (5 marks each) |
| Mathematics | <ol style="list-style-type: none">1. Draw a graph depicting the total no. of Olympic medals won by 12 different countries in 2020 Olympics (Graph should depict Gold, Silver and Bronze medals with different colours).Calculate the mean of no. of gold medals won by 10 Asian countries.2. The Prime Meridian is the line that divides the Earth into eastern and western hemispheres. It is a vertical line of longitude located at 0°. |



The points with latitudes north of the Equator are given in °N, while points that are south of the Equator are given in °S.

1. Plot the places (cities) in the above world map where last five Olympic games were held.
2. Let the coordinates of point A be $(40^\circ \text{ N}, 160^\circ \text{ W})$ and point B be $(80^\circ \text{ N}, 120^\circ \text{ W})$. Find the distance between the points A and B using **Distance Formula**.
3. Frame 2 equations (Linear Equations in Two Variables) which pass through the point $(10, 40)$.
4. If the speed of an aeroplane is 640 km/hr and the distance between Delhi and Paris is 6568 km , then find the total time taken (in hours).

Suppose another aeroplane left 40 minutes late due to bad weather and in order to reach the destination, 1600 km away, on time, it had to increase its speed by 400 km/hr from its usual speed. Find the usual speed of the plane.

Science

Science Behind Assistive Devices in Paralympic Sports

Explore the science behind various assistive devices used by Paralympic athletes, including wheelchairs, hand bikes, walkers, and crutches and create a model of any device and explain the scientific principles that govern their design and function.

Submission Guidelines:

- Complete each task neatly and accurately.
- Organize your work into separate sections for each topic.
- Include relevant diagrams, illustrations, or photographs to support your explanations.
- Ensure your models are sturdy and well-crafted.
- Submit your assignment in a folder or portfolio with your name and class clearly labelled.

| | |
|-----------------------|---|
| Social Science | <p>Humans and sports have evolved together, but over a period of time hasty development of sports is leaving a deep mark on the environment, ignoring the issue of sustainability. Gen-z is now making its honest effort to keep the sports, the nature friendly activity.</p> <p>*Plogging* a fitness craze, imported from Sweden that might be the sustainable sport of the future.</p> <p>On the same lines RBMHS is organizing 'BIRLAMPICS'. Prepare a plan for the event keeping the objective, *Sustainability in BIRLAMPICS*.</p> <p>Consider the following points:</p> <ol style="list-style-type: none"> 1. Promoting indigenous games that generate lowest sports waste. 2. Ecofriendly sportswear for the participants. 3. Fuel friendly arrangement for transportation to keep fossil fuel consumption minimum. 4. Noise reduction measures 5. Low waste disposal by spectators. 6. Time management to reduce the power consumption 7. Preparation of the ground in Eco, friendly way etc. <p>NOTE: Do the above project in a file with A4 size sheets. Support your work with pictures and mind maps.</p> |
| Hindi | <p>ओलंपिक खेलों में पदक हासिल कर भारत को गौरवान्वित करने वाले किसी एक खिलाड़ी का जीवन-वृत्त निम्नलिखित बिन्दुओं पर परियोजनात्मक रूप में तैयार कीजिए-</p> <p>क- पारिवारिक परिचय ख- शिक्षा-दीक्षा ग- खेल-प्रशिक्षण घ- उपलब्धियां ङ- ओलंपिक संबंधी अनुभव</p> |
| Sanskrit | <p>ओलंपिक खेलों के भारतीय स्वर्ण पदक विजेता खिलाड़ियों का तीन से चार पंक्तियों में सचित्र परिचय दीजिए। (संस्कृत भाषा में, किन्हीं पांच)</p> |
| French | <p>Prepare a report on the challenges and controversies surrounding the modern Olympic Games, such as doping scandals, political boycotts, or cost overruns. (150-200 words)</p> |
| Computer | <p>Olympic Cyber security Challenges</p> <p>Discuss and develop strategies to tackle potential cyber security issues during major sporting events like the Olympics. This can be a research project or a coding project to create secure protocols.</p> |
| Fine Art | <p>MAKE A PAINTING for CBSE Expression series TOPIC- Choose any one out of these-</p> <ol style="list-style-type: none"> a) A Nation can develop only if all are educated b) To save Environment my suggestions are..... <p>Note- Size of the sheet – A4 Colour Medium- Any</p> |



Do Your Assignments

But Do Not Forget To Read Books

Spend Time With Family & Friends

Help Birds & Stray Animals

Learn A New Skill, Sharpen Your Talent

Come Back Rejuvenated, Relaxed, Refreshed, Revived, Recharged

Classes

Nursery to VIII
IX to XII

Summer Vacation

6th May 2024 to 25th June 2024
25th May 2024 to 25th June 2024

*Happy
Holidays*

