



BLM ACADEMY SR. SEC. SCHOOL, HALDWANI
SUMMER HOLIDAY HOMEWORK
SESSION 2024-25
CLASS IX

Dear Parents and Students,

As we embark on summer vacation, we wish you a season filled with joy, relaxation, and adventure. This break is a fantastic opportunity for students to recharge, spend quality time with loved ones, and explore their interests outside of school. It's also a great time to ensure learning never stops.

Students, we encourage you to read for pleasure, engage in creative activities, and perhaps learn something new. Remember to balance fun with a bit of learning to keep your minds sharp. Here are some tips:

1. Review your upcoming assignments and start your holiday homework with enthusiasm.
2. Develop a study routine with dedicated time each day for studying.

Parents, thank you for your continuous support throughout the school year. Your involvement has been crucial to your child's success. We hope you enjoy this break as much as your children do.

We're excited to see your child return refreshed and ready to tackle the rest of the term. Our teachers are dedicated to support their continued learning and growth. We welcome students back on Thursday, July 4, 2024.

Have a fantastic summer, and we look forward to seeing you all soon!

Warm regards,

Dr. Gayatri Kanwar

Principal



ENGLISH:

'Poetry Illustration'

Read any one of the following poems from the book 'Beehive'.

- 1. The Road Not Taken 2. Wind**

Choose the stanza/line you like the most in the poem and depict it in a creative manner.

How to do: Use your imagination to convert the poem in an artistic representation on an A4 sheet.

(The presentation should be self- explanatory.)



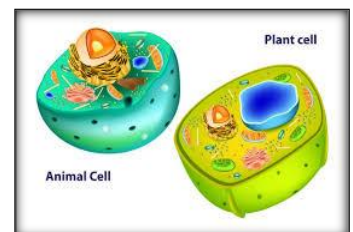
SCIENCE:

1. Fundamental unit of life: Cell Model Construction:

Construct a 3D model of a plant or animal cell using materials of your choice (e.g., clay, styrofoam, cardboard)

Label and colour-code the key structures within the cell (e.g., nucleus, mitochondria, cell membrane and endoplasmic reticulum).

Provide a brief explanation for each labelled structure, highlighting its function.



MATHEMATICS:

1. Make a list of any **5 Musical Instruments from G-20 Countries.**

2. Draw the 3D model of any one musical instrument with the help of composite Mathematical shape.

3. Write the formula to find the volume and surface area of that instrument.



HINDI:

"रहिमन पानी राखिए बिन पानी सब सून"

अर्थात् जल ही जीवन है।

वर्तमान परिपेक्ष्य में जल संरक्षण के महत्व को दर्शाते हुए निम्नांकित संकेत बिंदुओं के आधार पर एक रचनात्मक परियोजना तैयार कीजिए-

संकेत बिंदु-

- * जल संरक्षण का अर्थ, परिभाषा
- * मुख्य उद्देश्य
- * विश्व जल संरक्षण दिवस
- * जल दिवस 2024 का विषय
- * जल का मुख्य स्रोत
- * जल संरक्षण के उपाय/ तरीके

SOCIAL SCIENCE:

Prepare a Project File on **-LIFESTYLE OF THE TRIBES ARUNACHAL PRADESH**

Collect the below information of tribes (any three tribe) of Arunachal Pradesh.

1. Weaving
2. Cane and Bamboo work
3. Ornament making
4. Smithy work
5. Basketry

The name of the tribal group and their unique skill in making the handicrafts should be mentioned in the description with pictures.

Create a model of any tribal art and craft object of Arunachal Pradesh.



ARTIFICIAL INTELLIGENCE:



Make a poster for a **Future Job Advertisement in the year 2050 on an A4 Sheet** in which you need to mention what job you are recruiting for and what skill-sets do you expect in the candidate.

The poster should be creative and futuristic and should talk about the period 15 years ahead of now.

The job description is for a job which will exist 15 years from now, i.e., the current date.

The job advertisement must include the following information: -

1. Information about the hiring company
2. Required Skills – both soft skills and technical skills
3. Is the company a start-up or a big organization?

(The summer holiday homework is also available on school website i.e. www.blmacademy.com)