



Mount Litera Zee School Bhagalpur

Managed by Balaji Education Trust®

Affiliated to CBSE New Delhi: 330715

Jamni More, Kharwa, Bhagalpur – 812005

Email ID – mlzs.bhagalpur@mountlitera.com, Website www.mlzsbgp.org



Summer Assignments (2024-25)

Grade: VIII

Subject- English

- The summer assignments need to be submitted on the re-opening day (Thursday 20-06-2024).
 - Please mention your Name, Class, Sec, Roll No., Admission No. and Subject in every assignment.
1. In the past decade, the frequency of natural disasters have increased. List top five such natural disasters and the damage caused across the world with few pictures. Explain the support of mankind during such situation. (A4 size Paper)
 2. You have been chosen to be a part of space mission to Mars. You are leaving your home, your family and friends to settle on Mars forever. Write a diary entry in 100-120 words describing your feeling about leaving.

Subject- Hindi

1. वायु प्रदूषण क्या है? इसके कारणों तथा मानव स्वास्थ्य पर इसके प्रभावों की विवेचना करते हुए इसके नियन्त्रण के उपायों का उल्लेख कीजिए। स्टिक फाइल में ए4 साइज की शीट पर इससे संबंधित चित्र बनाएँ उसे सजाएँ।
2. संधि विषय पर रचनात्मक तरीके से एक मॉडल तैयार करें।

Subject- Sanskrit

1. 'परिश्रम', 'विद्या', 'परोपकार' विषयान् आधृत्य षड् श्लोकानां संग्रहं कृत्वा लिखत।
2. कस्यापि त्रयाणां प्रसिद्धानां समाजसेवकानां चित्राणि स्थापयित्वा तेषु संस्कृतेन त्रीणि पङ्क्तयः लिखन्तु।

Subject- Science

1. Research and create a report on recent innovations in agriculture (e.g., precision farming, vertical farming, hydroponics). Create a report explaining how these technologies work and their potential benefits for crop production and sustainability.
2. Research the four main types of coal (peat, lignite, bituminous, anthracite). Create a chart or poster detailing their characteristics (carbon content, hardness, color) and their various uses in industry and power generation. Include samples or pictures if possible.
3. Demonstrate with an activity presence of atmospheric pressure. Prepare a YouTube video and share the link.

Note:- These project works should be prepared in A4 or comment sheets and attached to a stick file.

Subject- Social Science

1. Prepare a chart paper project on the topic “Prism structure of Indian Judiciary system”.
2. Answer the following questions.
 - a. “History is more about exploring than studying“. Explain.
 - b. Explain different layers of the earth with diagram.
 - c. “Democracy is based on the concept of decentralization of powers whereas Monarch is based on the centralization of powers.” Explain.

Note: Do question no. 2 in stick file.

Subject- G.K

1. ‘United Nations’ is an international organization. Do a research work on it and explain the main functions of any five Principal Organs of it.
2. Introduce each of the following ancient Indian texts in about 100 words.
 - (a) Jataka
 - (b) Sushruta Samhita
 - (c) The Upanishads.
 - (d) Puranas

Subject- Computer

1. Make a PowerPoint presentation on different types of topologies and submit the printout of all the slides.
2. Make a PowerPoint presentation on wired and wireless communication medium and submit the printout of all the slides.

Subject- Mathematics

1. **State and explain properties of rational number with examples.**
2. **Verify:** $\frac{2}{3} \times \left(\frac{3}{8} + \frac{-5}{6}\right) = \frac{2}{3} \times \frac{3}{8} + \frac{2}{3} \times \frac{-5}{6}$
3. **Solve:** $5x - 2(2x - 7) = 2(3x - 1) + \frac{7}{2}$
4. **Simplify:** $\frac{3t-2}{4} - \frac{2t+3}{3} = \frac{2}{3} - t$
5. Fifteen years hence the age of Ram will be ten years less than twice his present age. Find his present age.
6. A two-digit number is such that the sum of its digits is 8. If the tens digit is 2 more than the ones digit. Find the number.
7. Arun weighs 30kg and is gaining 1.5kg every month. Raja weighs 39kg and is gaining 0.75kg every month. How many years will it take for Arun to weigh same as Raja.
8. A square and isosceles triangle have same perimeter. The base of the isosceles triangle is 12cm and each side of square is 5 cm shorter than each of equal sides of isosceles triangle. Find the perimeter of square.
9. A linear equation can be written as $ax + b = 0$ where a and b are constants. Write the equation $4(x - 1) = 6(2x + 1)$ in form of $ax + b = 0$
10. The tens digit of a number is 1 more than its ones place. If the sum of the number and the number obtained by interchanging its digits is 33, find the number.