



NEW ERA PUBLIC SCHOOL, PATNA

(Affiliated to C.B.S.E. Delhi, Upto 10+2 level)

Diwali & Chhath Puja Holiday Homework (2025-2026)

CLASS-11th (Science)

English:-

1. Poster Making : Design a poster on the Topic “Water as lifeline”.

Instructions:

- Use an A4 size sheet for the poster.
- Choose relevant blue tones to symbolize the vital and life-sustaining essence of water.
- Incorporate central images that depict the importance of water, such as rivers, lakes, oceans, and water droplets, along with scenes of people and wildlife relying on water.
- Include impactful slogans that highlight the theme.
- Ensure the heading is aligned with the theme, clearly stating "Water: Our Lifeline."
- Add relevant hashtags like #Water Conservation, #SaveWater, #Water is Life, and #Protect Our Water, to amplify the message.

SCIENCE :-

Physics:-

Solve all NCERT Book exercise problems of Friction & Circular motion.

Chemistry :-

Complete notes upto taught and solve all Exercise Problems.

Biology :-

- 1. Prepare a Project on different types of carbohydrates (in File).**
- 2. Define different Kinds of cell organelles and their function.**
- 3. Compare and contrast aerobic and anaerobic respiration.**
- 4. Explain the process of fermentation.**
- 5. Describe the role of mitochondria in cellular respiration.**

Maths:-

Do complete Ex: 9.1,9.2,9.3,9.4 and Miscellaneous exercise of ch-9 from NCERT Book

LP :-

Programming in Python (Do it in Practical copy):

1. To find average and grade for given marks.
2. To find sale price of an item with given cost and discount (%).
3. To calculate perimeter/circumference and area of shapes such as triangle, rectangle, square and circle.
4. To calculate Simple and Compound interest.
5. To calculate profit-loss for given Cost and Sell Price.
6. To calculate EMI for Amount, Period and Interest.
7. To calculate tax - GST / Income Tax.
8. To find the largest and smallest numbers in a list.
9. To find the third largest/smallest number in a list.
10. To find the sum of squares of the first 100 natural numbers.

Note: The School will remain closed on account of Deepawali & Chhath Puja between 20th of October, 2025 (Monday) to 29th of October, 2025 (Wednesday).

• It will re-open on 30th of October, 2024 (Thursday).



**!! Wish you a Very
Happy Diwali & Chhath Puja !!**