



# MARCHI INTERNATIONAL SCHOOL

Affiliated to CBSE, New Delhi upto 10+2 Level  
MIS Road, Marchi, Patna City, Patna - 09

## Notice

### Few Words for Parents

- Classes will remain closed from 25/05/2026 to 20/06/2026 for Summer Vacation.**  
ग्रीष्मकालीन अवकाश हेतु विद्यालय में 25/05/2026 से 20/06/2026 तक अध्ययन कार्य बंद रहेगा।
- The assignment given during the Summer Vacation might be completed by each and every student.**  
अवकाश हेतु दिए गये गृह-कार्य को पूरा कराएँ।
- During Summer Vacation office will be opened upto 10/06/2026. (08 Am to 12 Noon)**  
ग्रीष्मावकाश अवधि में कार्यालय 10 जून 2026 खुला रहेगा। (08 Am to 12 Noon)
- Pre Mid Term Examination will be start from 07 July 2026.**  
Pre Mid Term का परीक्षा 07 जुलाई 2026 से प्रारंभ होगा।
- Classes will reopen on 22/06/2026 on its Previous schedule.**  
अध्ययन कार्य पुनः 22/06/2026 को अपने पूर्व समयानुसार चलेगा।
- Holiday homework is also available on the School Website / WhatsApp/School App from 24 June 2026 onwards.**  
(www.mispatna.com) - Student Corner - Holiday Homework

**Note :-** The Assignment Note Book which is given during the Summer Vacation will be deposit on 18/06/2026 in the office. Otherwise you will have to deposit a fine of Rs. 20/- per student with Note book after 22/06/2026 you will have to deposit a fine of Rs. 50/- per student with Note Book .

**नोट :-** आप बच्चों के गृह कार्य को 18/06/2026 को स्कूल कार्यालय में जमा कराएँ, यदि समयावधि तक ग्रीष्मावकाश गृह कार्य नहीं जमा करेंगे तो प्रति विद्यार्थी कॉपी के साथ 20 रुपये दण्ड के रूप में जमा करना होगा, 22/06/2026 के बाद प्रति विद्यार्थी कॉपी के साथ 50 रुपये दण्ड के रूप में जमा करना होगा।

अंततः अभिभावकों से निवेदन है कि वे विद्यालय एवं बच्चों के विकास में अपने भरपूर सहयोग एवं स्नेह का परिचय दें, क्योंकि ये बच्चे देश के भविष्य हैं। इस भावना का परिचय देते हुए उनकी प्रतिभा तथा व्यक्तित्व को निखारने का प्रयास करें।

शुभकामनाओं के साथ  
प्राचार्य

## Assignment For Summer Vacation - 2026

### CLASS : NINE

Instruction: Each questions have 2 marks and 1 mark on your handwriting.

#### HINDI

- 'जब पेट भर गया और दोनों ने आजादी का अनुभव किया' हीरा एवं मोती 'स्वतंत्रता' और 'अपनापन' दोनों में किस भावना से अधिक प्रेरित थे ? कारण सहित लिखें।
- 'मोती ने मूक- भाषा में कहा- अब तो सहा नहीं ताजा, हीरा!' 'कभी-कभी संघर्ष करना आवश्यक हो जाता है' इस कथन को कहानी के उदाहरणों से सिद्ध करें।
- 'बेलों ने जैसे पाँव न उठाने की कसम खा ली थी' 'अत्याचार सहना भी अन्याय में भागीदारी है'-क्या आप इस कथन से सहमत हैं ? अपने उत्तर के कारण भी बताइए।
- निबंध लेखन के विषय में ए0 जी0 गार्डिनर और लेखक के विचारों में क्या अंतर हैं ?
- लेखक के अनुसार वृद्ध और तरुण दोनों ही वर्तमान से असंतुष्ट रहते हैं, पर दोनों की असंतुष्टि के कारण भिन्न हैं। आपके विचार से उनकी असंतुष्टि के क्या-क्या कारण हो सकते हैं ?
- आपको 'समाज-सुधार' करने का अवसर मिले तो आप क्या-क्या सुधार करना चाहेंगे और कैसे करना चाहेंगे ? लिखें।
- नीचे दी गई पंक्तियों के अर्थ समझते हुए भाव स्पष्ट करें-  
(क) "प्रभु जी तुम धन बन, हम मोरा, जैसे चितवन चंद चकोरा।"  
(ख) "तीरथ बरत न करूँ अंदेशा, तुम्हारे चरन कमल एक भरोसा।"
- रैदास ने तीर्थ और व्रत के स्थान पर किस साधन को भक्ति का प्रमुख आधार माना है ? आपके विचार से भक्ति के क्या आधार हो सकते हैं ?
- "अरध निमेष कल्प सम बीता" पंक्ति का भाव स्पष्ट करते हुए बताइए कि कविता में यह किसके संदर्भ में कहा गया है और क्यों ?
- अनुस्वार और अनुनासिक से क्या समझते हैं, उदाहरण देकर स्पष्ट करें।
- उपसर्ग औश्र प्रत्यय को सोदाहरण लिखें।
- आप manu@gmail.com पर सूचना दीजिए कि आप मोहन/भितानी दिनांक 15 जून 2026 को मुंबई में होंगे। इसलिए इस बार अमृत-समारोह में नहीं आ सकेंगे।

## **ENGLISH**

1. How might the narrator help her grandmother to fulfil her desire to learn read and write?
2. How effectively does the story highlight the value of education in supporting personal independence?
3. Why does the narrator initially laughs at her grandmother's determination to learn at the age of sixty two?
4. What does the grandmother's desire to learn the Kannada alphabet reflect about her?
5. What lessons can we infer from the grandmother's action of touching the narrator's feet?
6. The poet uses the word generous to describe the Ganga. Why?
7. Why has the movement of the river been described as graceful?
8. How does the poem reflect a strong connection to cultural identity and heritage?
9. Write meaning in English:— (i) Ardent (ii) Savouring
10. Change into Comparative degree: - He is as wise as his friend.
11. Change into indirect speech:—  
(i) He said to his friend, "What did you want?"  
(ii) Ram said to his servant, "Do this work at once."
12. You are Arun / Astha, a resident of Kankarbagh, Patna. Write a letter to the Editor of a newspaper complaining about the bad condition of water supply in your locality.

## **MATHEMATICS**

1. Rationalise the denominator  $\frac{1}{\sqrt{3}-\sqrt{2}-1}$
2. Simplify:  $\frac{\sqrt{3}+1}{\sqrt{3}-1} + \frac{\sqrt{3}-1}{\sqrt{3}+1}$
3. If  $\frac{1}{\sqrt{3}-1} = a+b\sqrt{3}$  then find a and b.
4. Show  $(a+b)^2 - (a-b)^2 - 4ab = 0$

5. Factorise - (a)  $6\sqrt{3}x^2 - 11x + \sqrt{3}$  (b)  $x^3-x^2+ax-x-a+1$
6. Find three rational number between  $1/3$  and  $1/2$ .
7. Factorise :  $a^3+b^3+c^3 - 3abc$
8. If P (a+b, a-b), Q (a-b, a+b) then find the distance between PQ.
9. Find all positive value of y for which the distance between the points A (2, -3), B(10,y)
10. If the point (x,y) in equi distant from the points (a+b, b-a) and (a-b, a+b), prove that  $bx=ay$ .
11. Show that the points O(0,0), A(3,  $\sqrt{3}$ ) B (3,  $\sqrt{3}$ ) are the vertices of an equilateral triangle. find the area of triangle.
12. Factorise : (a)  $x^6 - 7x^3 - 8$  (b)  $(a+b+c)(ab+bc+ca) - abc$

## **SCIENCE**

1. Define distance and displacement with suitable examples.
2. What is speed? Differentiate between speed and velocity.
3. A car travels 120 km in 3 hours. Calculate its speed.
4. Draw a distance-time graph for a body moving with uniform speed.
5. Differentiate between evaporation and boiling.
6. Explain the process of sublimation with examples.
7. What is a pure substance? Differentiate between elements and compounds.
8. Differentiate between homogeneous and heterogeneous mixtures.
9. Define cell. Why is it called the structural and functional unit of life?
10. Differentiate between plant cell and animal cell.
11. Explain the functions of nucleus, cytoplasm and cell membrane.
12. Describe the structure and function of mitochondria.

## **Biology Project**

**Topic:** Plant Cell and Animal Cell

Prepare a project including: Structure of plant and animal cell Functions of

*different cell organelles Differences between plant and animal cells Neat labelled coloured diagrams Interesting facts about cells*

**Project Guidelines:**

*Minimum 5–7 pages Use charts and pictures Add conclusion and bibliography*

**Chemistry Project**

**Topic:** *Separation of Components of Mixtures*

*Prepare a project including: Methods of separation Filtration Evaporation*

*Distillation Chromatography Real-life*

*applications of separation techniques Activity diagrams and pictures*

**Project Guidelines:** *Minimum 5–7 pages*

*Use proper headings and diagrams Add conclusion and bibliography*

**SOCIAL SCIENCE**

**Part A: Fundamental Rights**

- 1. What is meant by 'Fundamental Rights' in the Indian Constitution?*
- 2. Mention the six Fundamental Rights guaranteed by the Constitution of India.*
- 3. Why is the 'Right to Constitutional Remedies' considered the most important right?*
- 4. Explain how the 'Right against Exploitation' protects citizens, especially children.*
- 5. Can Fundamental Rights be suspended? If yes, under what circumstances?*
- 6. What does 'Right to Equality' mean for citizens in their daily lives?*

**Part B: The President of India**

- 7. What are the minimum qualifications required to become the President of India?*

- 8. How is the President of India elected? Mention the composition of the Electoral College.*
- 9. State any two executive powers of the President of India.*
- 10. What is the role of the President of India regarding a bill passed by both Houses of Parliament?*
- 11. Explain the emergency powers of the Indian President in brief.*
- 12. Why is the President of India called the 'Nominal Executive' or 'Titular Head' of the state?*

**COMPUTER**

- 1. Explain the element of communication cycle with diagram?*
- 2. Write any two limitation of effective communication?*
- 3. Good Communication skill are required in every field. Comment.*
- 4. How can language affect communication? Support your answer with example.*
- 5. Think of an instance where your past experience has affected your communication?*
- 6. Define the important point to write an effective paragraph?*
- 7. Explain the significance of encoding in communication cycle?*
- 8. Differentiate between attitude and belief?*
- 9. Identify three area where the application of IT has made impact in our lives.*
- 10. Differentiate between BPO and BPM.*
- 11. What do you understand by E-commerce? Give two site useful for E-commerce.*
- 12. Explain any two initiative has been taken by the Government for Digital India?*