

**ST. MONTFORT SCHOOL, BHOPAL**  
**SUMMER PROJECT 2023-24**  
**Class: IX-**

**❖ ENGLISH**

1. **READING:** Read the 9 lessons from your supplementary reader ( MOMENTS)
2. **WRITING and VOCABULARY :**  
write the word meanings and questions answers of those chapters in a separate MOMENTS copy.
3. **GRAMMAR :**  
Complete the chapters 1 to 5 in your workbook.
4. **ART INTEGRATION:** make a **BOOKMARK** with your favourite **QUOTATION** on it.

**❖ HINDI**

प्रश्न -1- निम्नलिखित विषयों पर संवाद- लेखन (80 शब्द )करिए-----

① कक्षा में प्रथम आए छात्र गोलू द्वारा अपनी मां से की गई बातचीत को संवाद के रूप में लिखिए।

② औराहे पर लाल बत्ती पार करने वाले व्यक्ति और ट्रैफिक पुलिस की बातचीत को संवाद के रूप में लिखिए।

प्रश्न-2--निम्नलिखित संकेत बिंदुओं के आधार पर दिए गए विषयों पर अनुच्छेद( 120 शब्द) लिखिए -

क-आज की आवश्यकता -संयुक्त परिवार

- संकेत बिंदु .....
- एकल परिवार का बढ़ता चलन
- एकल परिवार और वर्तमान समाज
- संयुक्त परिवार की आवश्यकता

- बुजुर्गों की देखभाल
- एकाकीपन को जगह नहीं  
ख--बच्चों की शिक्षा में माता- पिता की भूमिका
- संकेत बिंदु.....
- शिक्षा और माता-पिता
- शिक्षा की महत्ता
- उत्तरदायित्व
- शिक्षा विहीन नर पशु समान

(नोट- यह कार्य(प्रश्न-1 और प्रश्न-2) आपको अपनी हिंदी अभ्यास पुस्तिका (कापी) में ही करना है)

प्रश्न-3--अपनी कल्पना के आधार पर 100 से 120 शब्दों में सचित्र कहानी लिखिए जिसके पात्र कहानी \*दो बैलों की कथा के समान\* पशु आदि ही हो। इस परियोजना कार्य के लिए लगभग 2 पेज, A4 साइज शीट तथा फाइल का प्रयोग करें।

सारा कार्य आंतरिक मूल्यांकन के अंतर्गत जाँचा जाएगा।

कार्य आकर्षक, सृजनात्मक और प्रस्तुति योग्य होना चाहिए। इनके अंक परीक्षा में जोड़े जाएंगे।

### ❖ MATHEMATICS

1. Classify the following as rational or irrational numbers:

- (i)  $\sqrt{17}$  (ii)  $\sqrt{169}$  (iii) 2.047 (iv) 2.123123123..... (v)  $3\pi$   
(vi) 2.2002000200002 ..... (vii)  $3 + \sqrt{23} - \sqrt{23}$

2. Find three different irrational numbers between  $1/7$  and  $3/13$ .

3. Express  $0.6 + 0.7777..... + 0.47777.....$  in the form of  $p/q$ , where  $p$  and  $q$  are integers and  $q \neq 0$ .

4. Find rational numbers a and b so that  $\frac{5+2\sqrt{3}}{7+4\sqrt{3}} = a - b\sqrt{3}$

5. Activity : Using Square root spiral create a design of your own in A4 size sheet.

NOTE: All the questions to be done in A4 size sheets , with cover page containing the Name, Class and section and Heading.

### ❖ SCIENCE

Make separate practical file for Physics, Biology and Chemistry and write these practicals (from Science Lab Manual) in them. Complete the following work and submit it in June

#### BIOLOGY-

Preparation of stained temporary mounts of onion peel to record observations and draw its labeled diagram.

#### CHEMISTRY-

Preparation of

- a true solution of common salt, sugar and alum
- a suspension of soil, chalk powder and fine sand in water
- a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency  
filtration criterion  
stability

#### PHYSICS

- Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
- Establishing the relation between the loss in weight of a solid when fully immersed in
  - Tap water
  - Strongly salty water
 with the weight of water displaced by it by taking at least two different solids.

### ❖ SOCIAL SCIENCE:

[A] Project work on Disaster Management ( any one topic)

Topics:

- Floods (with reference to Kedarnath Flood 2013)
- Tsunami (with reference to tsunami in the Indian Ocean -2004)
- Earthquake (with reference to Bhuj earthquake – 2001)
- Covid 19 in India

**[B] MAP WORK:-****Indian Physical features –**

\* Mountain Ranges – The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western and Eastern ghats

\*Mountain Peaks:- K2, Kanchnanjunga, Anai Mudi.

\*Plateau – Decan Plateau, Chota Nagpur Plateau, Malwa Plateau.

\*Coastal Plains – Konkan, Malabar, Coromandel and Northern Circar.

\*Rivers - The Indus , The Ganges and The Sutlej 9[ THE HIMALAYAN RIVER SYSTEM}

The Narmada, The Tapi, The Kaveri, The Krishna, The Godavri, The Mahanadi.

\*Lakes – Wular, pullicat, Sambhar, Chilika.

**INSTRUCTIONS-****(a)Guidelines Related to Project:**

1. The project must be handwritten.
  2. The project must include a cover page, certificate, acknowledgement, index and a bibliography.
  3. Project on disaster management should be done in a file.
- (b) Map work can be done in geography class work copy.

**❖ INFORMATION TECHNOLOGY –**

**1. CREATE PRACTICAL FILE AS PROVIDED WITH ASSIGNMENTS FROM THE FOLLOWING CHAPTERS :-**

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**- DATA ENTRY & KEYBOARDING SKILLS**

**- DIGITAL DOCUMENTATION**

**- DIGITAL PRESENTATION**

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**ASSIGNMENTS FROM PRACTICAL BOOK :**

**📌 I. DATA ENTRY & KEYBOARDING SKILLS**

**ASSIGNMENT 1 – PG. 2**

**ASSIGNMENT 2 – PG. 3**

**ASSIGNMENT 3 – PG. 5**

**ASSIGNMENT 4 – PG. 6**

**ASSIGNMENT 5 – PG. 8**

**✦ II. DIGITAL DOCUMENTATION**

**ASSIGNMENT 1 – PG. 10**

**ASSIGNMENT 2 – PG. 13**

**ASSIGNMENT 3 – PG. 15**

**ASSIGNMENT 4 – PG. 18**

**ASSIGNMENT 5 – PG. 19**

**ASSIGNMENT 6 – PG. 64**

**ASSIGNMENT 7 – PG. 67**

**✦ III. DIGITAL PRESENTATION**

**ASSIGNMENT 1 – PG. 84**

**ASSIGNMENT 2 – PG. 86**

**ASSIGNMENT 3 – PG. 89**

**ASSIGNMENT 4 – PG. 36**

**ASSIGNMENT 5 – PG. 40**

**○○○ SOME GUIDELINES FOR PRACTICAL FILE :- ○○○**

**● ALL THE PRACTICAL ASSIGNMENTS SHOULD BE WRITTEN IN THE COMPUTER PRACTICAL FILE (ONE SIDE BLANK/OTHER SIDE RULED)**

**● IT IS MANDATORY TO FILL THE CERTIFICATE IN THE FILE.**

**● WRITE THE STEPS ON THE RULED SIDE.**

**● PASTE COLOURED SCREENSHOTS ON THE BLANK SIDE.**

**● SCREENSHOTS SHOULD BE PASTED EXACTLY IN FRONT OF THE STEPS.**

**● WRITE THE QUESTIONS COMPULSORILY.**

**● ALL SCREENSHOTS SHOULD BE COLOURED. NO BLACK/WHITE PRINTS SHALL BE ALLOWED.**

**● ALL THE PRACTICALS SHOULD BE DONE USING OPENOFFICE ONLY. (IN THE PRACTICAL BOOK, LIBREOFFICE IS MENTIONED, BUT WE HAVE TO USE OPENOFFICE ONLY).**

**● NO PHOTOCOPY SHALL BE ALLOWED.**

**● FILE SHOULD BE COVERED WITH BROWN COVER & COVER PAGE HAS TO BE PASTED ON THE FRONT COVER.**

**● DATE OF SUBMISSION :- 30TH JUNE**

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