

Maths MDP (Mathematical Development Programme)

Questions

1. ***Percentage calculation***: A mine extracts 1000 tons of iron ore per day, with an average iron content of 60%. Calculate the amount of iron extracted per day.
2. ***Ratio and proportion***: A company mines copper ore with a ratio of copper to rock of 1:5. If they extract 1000 tons of ore per day, how much copper can they expect to obtain?
3. ***Data analysis***: The following table shows the production of different minerals in a country over several years. Analyze the data and draw conclusions about the trends in mineral production.

Year	Mineral Production (tons)
2018	1000
2019	1200
2020	1500
4. ***Graphical representation***: Draw a bar graph to represent the production of different minerals in a India:
5. ***Word problem***: A mining company extracts gold ore from a mine. The ore contains 0.5 grams of gold per ton of ore. If the company extracts 100 tons of ore per day, how much gold can they expect to obtain in a we



Class- 8 DATA LITERACY

Answer the following questions:

Q.1. Write down about Cyber Security?

Q.2. Write down about IOT (Internet of Things)?

Q.3. Define Hardware and Software.

-List 5 examples of each (Hardware and Software).

Q.4. What is Storage in a computer system? List 3 types of storage devices.

Q.5. Practical Activity

Design a poster or info graphic that explains the concept of "How a Computer Works".

- Illustrate how data is processed from input to output.

- Include hardware components like the CPU, input devices, and output devices.

- Use simple graphics, flowcharts, or diagrams to make it easy to understand.

(1) भारत के प्रमुख खनिज उत्पादक राज्यों की सूची उनमें पाए जानेवाले खनिजों के नाम के साथ बनाइए।

(2) *पेट्रोल, कोयलाऔर प्राकृतिक गैस की रक्षा* का महत्व बतानेवाला 100 शब्दों का अनुच्छेद लिखिए।

(3) भूमि का खनन करने से हानि इस पर अपने विचार 100 शब्दों में लिखिए।

(4) दो मित्रों के बीच सोने की कीमत पर 10 -10 वाक्यों में संवाद लिखिए।

SOCIAL SCIENCE

***Summer Vacations Homework*

- 1. Make the political map of India on an A4 sheet.*
- 2. Complete a project of "Ek Bharat Shrestha Bharat" based on Paired State- Odisha (Project file).*
- 3. Prepare a Collage of historical monuments (Paste coloured newspaper cutting) related to political activities.*
- 4. Write a review of anyone book/movie.*
- 5. Complete the MDP project.*

SANSKRIT

कक्ष: अष्टमः - हिन्दी - *अस्माकं खनिजाः *

(1) भारतस्य प्रमुखखनिजउत्पादकराज्यानां सूचीं कृत्वा तेषु दृश्यमानानां खनिजानाम

२) पेट्रोलस्य, अङ्गुलीनां, प्राकृतिकवायुस्य च रक्षणस्य महत्त्वं प्रतिबिम्बयन्ति १०० शब्दानां अनुच्छेदं लिखत ।

(३) भूखननस्य हानिः कृत्वा १०० शब्देषु स्वविचारं लिखत।

(4) सुवर्णस्य मूल्ये 10 -10 वाक्येषु द्वयोः मित्रयोः मध्ये संवादं लिखत।

SCIENCE

Class 8

Minerals and resources

1. *Label the major mineral-producing areas on an India map (Iron, Coal, Mica, Bauxite).*

2. *Mention any three uses of minerals in daily life.*

3. *What are the different methods used to conserve minerals?*

4. *Create a table showing minerals, their sources, and major uses.*

(Example: Iron - Haematite - Used in construction)

ENGLISH

For 8th.

To write a paragraph on pollution on water, sound, air and soil, in 120 words.

Some pictures to be added its related.

Write a letter to your friend telling him / her about how you spent summer vacation in 100 words.

Write a story which gives the moral lesson in 100 words.

learn and write 5 new words everyday and write down with their meanings Total 25 words.textbook based.

To keep the habit of reading English newspaper, magazines, books and watching television English news, a half an hour everyday.

MDP : on Minerals.

Class 8th

Make a table of all classical dances with name, place of origin, posture, Music instruments) on full size chart paper

Write down contribution of famous classical dancer

1. Birju Maharaj

2. Rukmini Devi

Holiday Homework (8th Class)

Subject- Art

Topic- Still Life Collage.

Objective- To understand the concept of still life by creating a collage using paper cutouts of everyday objects.

Instruction-

1) Choose a still life theme:- Select a group of 3-5 common objects (e.g Fruits, Vase, Cup, Book, Bottle) to focus on.

2) Material needed- Old magazines, Newspapers, colored paper, A-4 size paper as the base.

3) Create the collage-

.Cutout shapes or pictures of your chosen objects from the paper

.Arrange them on your base sheet like a still life composition.

.You may add details using sketch pens if needed.