



The Aditya Birla Public School, Veraval

Summer Vacation Homework

Class - VIII

Subject: Mathematics

Make collage of different geometrical shapes (2d & 3d) and write down the related formulas on chart.

Subject: Science

(Biology)

1. Prepare a chart showing drip and sprinkler system
2. Find out different methods of storage of grains we follow in our home (in a fare notebook)

(Chemistry)

Research on coal mine and oil refineries in Gujarat.

Prepare a power point presentation in group (two students.)

Include following points.

1. coal mines and oil refineries in Gujarat (Show Location on map, production capacity etc)
2. Explain extraction and purification process of coal and petroleum.
3. Renewable energy resources which can be used as alternative to Coal and petroleum.

(Minimum 10 slides, Maximum 20 slides)

(Physics)

L-11
Force and Pressure

1) Write one word for the following sentences.

- a) A pull or a push on an object is called _____.
- b) A force exerted by a magnet _____.
- c) A force acting on a unit area of a surface _____.
- d) A pressure exerted by air _____.

2) Suppose a man is standing behind a car. Does the man exert the force on the car?



3) If the members of two teams, in a game of tug-of-war, are trying to pull the rope in their respective directions and the rope does not move. Which team pulls with more force.



4) In the figures shown below, what conclusion can you draw about the pressure exerted by liquids.



(b)



5. A force exerted by a magnet on another magnet is

- a) contact force
- b) Frictional force
- c) Non contact force
- d) Muscular force

6) The weight of air in a column of the height of the atmosphere and area $10\text{cm} \times 10\text{cm}$ is as large as

- a) 1 Kg.
- b) 10 kg.
- c) 100 kg.
- d) 1000 kg.

7) When air is filled in a container, air

- a) Exert pressure at the bottom
- B) Exert pressure on upper side.
- c) Exert pressure on the walls
- d) Non of these

8) The shoulder bags are provided with broad straps.

- a) To decrease the pressure
- b) To exert more force
- c) To increase the pressure
- d) None of these.

Subject: English

Read a book and write its review in about 150 words

Subject: Hindi

1. ग्रीष्मकालीन अवकाश के दौरान किन्ही पाँच दिनों के दैनिक जीवन पर आधारित डायरी लेखन (5 पेज)

2. कक्षा में पढाए गए पाठों को पढ़ना और याद करना

3. किसी प्रेरणादायक पुस्तक या किसी हिंदी साहित्य की पुस्तक की समीक्षा 2 पेज

4. इ, ई उ, ऊ की मात्रा से संबंधित शब्दों का संचयन जैसे (दिन, परीक्षा, अनुभव, खूब)
5. 20 दोहों का अर्थ सहित संकलन और कंठस्थीकरण

Subject: Gujarati

નીચે આપેલ વિષયોમાંથી કોઈપણ એક વિષય પર નિબંધ લખો.

- 1) આજ નું ડિજિટલ ભારત
- 2) માનવ રહન સહન દ્વારા પ્રકૃતિને નુકસાન

Subject: Social Science

Class	Subject	Assignment	Activity
VIII	Civics	To revise the concepts taught (Ch-1): Intro. & Key Features of Indian Constitution	To enlist the core values of Indian Constitution along with their meaning.

VIII HISTORY	<ul style="list-style-type: none"> ➤ Prepare a time line on the Expansion of Company rule in India from-1757-1857. ➤ Prepare a PPT on sources of modern Indian History. ➤ Activity: 1- • Essay writing on 'Problems of Periodization in History' Skills Enhanced / Learning Outcomes - Evaluation - Analysis - Understanding from Trade to Territory ➤ Activity: 2- • Prepare a Time-line of various events in history of India from the coming of British to the Revolt of 1857. ➤ Also paste pictures of Governor Generals of British India. ➤ Skills Enhanced / Learning Outcomes - Classification - Organization -Critical Thinking - Inquisitiveness -Observation
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Subject: Computer

- Draw and describe different Network Topologies
- Collect the pictures of the Networking Devices - HUB, Modem, Switch, Router, Repeater.

- Write about how each of the device functions.
Note: you can either paste the pictures or can even draw. Do this home work in your computer note book.



Subject: Art & Painting
Tissue Paper Art on Card Board

