ANN MARY SCHOOL
Class- VI

Subject:- Hindi

1- भारत की राजधानी दिल्ली में अनेक प्रसिद्ध स्थान है उन स्थानों के बारे में तथा उनकी विशेषताओं के बारे में बताते हुए अपने दादा जी को पत्र लिखिए ।

2- आज कल नदियों का पानी स्वच्छ तथा पहाड़ भी एकदम साफ दिखाई दे रहे हैं इसके बारे में बताते हुए विस्तार से वर्णन कीजिए ।

Subject:- Maths

TOPIC: CONSTRUCTION OF ANGLES

•Using a ruler and compasses, construct the following angles

a) 60°   b) 30°   c) 90°   d) 40°   e) 120°

Subject: Geography

What is a globe? Write three advantages and three disadvantages of globe. Draw and colour it.

Subject: History/Civics

Being a good citizen of the country what are your duties towards your nation . (List at least 8-10 duties)

Subject:- Science
Machines are devices which make our work easier and faster. You have read about the six kinds of simple machines. Look around you and make a list of simple machines and put them under their different categories. Draw any one machine of each type.

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Class- VII

Subject: Hindi
उपरोक्त चित्र को देखकर किसी कहानी अथवा घटना का वर्णन कीजिए जिसका सीधा संबंध चित्र से हो।
निर्देश: सर्वप्रथम चित्र में जो कुछ दिखाया गया है उसका वर्णन करें उसके बाद कहानी लिखिए।
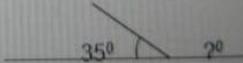
Subject : Maths

This is a challenge assignment – challenge your brain!

Do not use paper to solve these, solve in your mind. Use paper to write down the answers only. [Do note the amount of time you needed to solve these]

1. $173.6 \div 100 = $?

2. $5^2 - 2^3 = $?

3. A ream of paper is 500 sheets. A box holds 6 reams. How many sheets in 4 boxes?

4. 3/7 of 35 ?

5. I am between 20 and 30. I am a multiple of both 3 and 4. Who am I ?

6. Round 5.499 to the nearest whole number.

7. $0.73 + $ _____ $= 1$

8. Write down all the prime numbers between 30 and 40.

9. Convert 17/6 to a mixed fraction.

10. Add up all the odd numbers between 20 and 26.

11. Ramesh gets Rs. 120 for his birthday. If he spends ¾ of it, how much does he save ?

12. If If $x = 5, what\ is\ the\ value\ of\ (2x + 8) \div 3$

13. What is the missing angle - 35^0 2^0

14. (1 foot = 12 inches). Which of the two measurements add up to 3 feet ?

    a. 14 inches   b. 2 feet 1 inch   c. 1 foot 7 inches d. 11 inches

15. Kirti sells 10 face masks at a discount of 20%. If each mask is priced at Rs 30, how much money did she get?

Subject: Physics

1.Calculate volume of are gular solid (cube or cuboid) by measuring their length, breadth and height. Example: consider a brick and a thick book.
2.Measure approximate mass of the same solid and calculate its density by using The following formula: Density=mass/volume
3.Statethe S .I unit and C.G. Sun it of density.

Subject: Biology

Allergies are common in the developed world. Rates of many allergic diseases appear to be increasing due to increase in consumption of fast food, use of synthetic fibres, pollutants in environment. There are 4 types of allergies- food allergy, seasonal allergy, dust allergy and drug allergy. Write the names of allergens and the symptoms of the above 4 kinds of allergies.

Subject : CHEMISTRY

A rain which is acidic in nature is called acid rain. Prepare a list of harmful effects of acid rain on, cars , machines aquatic organisms and agriculture. For required information visit www.britanica.com

Subject: GEOGRAPHY

"Renewable energy is called the energy of the future" due to the fast depletion of the non renewable energy resources. Select any four renewable energy resources and write about their advantages and disadvantages (3each).

Draw diagram of any two of them which appeal to you to be the most important. The assignment should not be more than 3 pages. Do the work in your old geography file.

You can visit the following websites /links for help in doing this assignment.

https://www.kqed.org/quest/64341/nonrenewable-and-renewable-energy-resources-2

https://www.nrdc.org/stories/renewable-energy-clean-facts

https://www.siyavula.com/read/science/grade-7/sources-of-energy/11-sources-of-energy

Subject: History & Civics

Why do we need to preserve our historical monuments? How should we take better care of these monuments?

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Class- VIII

Subject: Hindi

प्रश्न 1- निम्नलिखित विषयों पर कुल 5 नारे बनाइए : प्लास्टिक ,जल ,वृक्ष निर्देश:- प्रत्येक विषय पर एक -एक नारा लिखना अनिवार्य है | नारे स्वयं बनाने का प्रयास करें |

उदाहरण - प्लास्टिक प्रयोग की जो लहर है, धरती के लिए वह जहर है

Subject Maths

Write and learn the properties of the following : Quadrilaterals - Parallelogram, Rectangle, Square, Rhombus and Trapezium. Draw each of them.

Subject :- Chemistry

A reaction in which two or more elements or compounds react together to form a single product (ie; only one compound) is a combination reaction. They are of 3 types

1. Element + Element → Compound

Eg; Fe + S → FeS

2. Compound + Element → Compound

Eg;   2SO2   +   O2   →   2SO3

3.   Compound   +   Compound   →   Compound

Eg;   NH3   +   HCl   →   NH4Cl

Keeping these points in mind, write down 10 examples of combination reactions from chapter 5 and 7 of your class 7th Chemistry book. Try to write both molecular as well as word equations. [Write down all these points in your chemistry file]

Subject: Biology

What is Transpiration? Write down the factors which affect the rate of transpiration. Also write down its advantages.

Subject: Physics

CLASS VIII
PHYSICS
Assignment 3|

Q1. a) Name the device shown below:

b) Which energy is used in this device?
c) Write one advantage and one disadvantage of the above said energy.
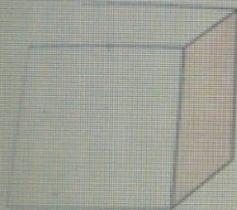Q2. Observe the following figure and answer the following questions

Fig. 1   Area 0.003 m²   Fig. 2   (b) Area 0.006 m²

Refer formula Pressure=Force/Area
The same force of 30 N acts on Fig. 1 and 2.
a) Will pressure be same in both the cases.?
b) Calculate the pressure exerted on the ground by bricks in Fig. 1 and 2.

Subject: GEOGRAPHY

Draw an outline map of India (to the best of your ability and of a reasonable size) and show by shading the five major vegetation belts of India with the given colours.

 Mark 1. Tropical rainforests (dark green)

 2. Tropical deciduous forests (light green)

3.Desert vegetation (yellow)

4. Mangrove or tidal forest (purple)

 5. Mountain vegetation (brown).

Also make a key/legend for the map. Do the work in your old geography file.

The websites are given to help you do the assignment.

https://m.mapsofindia.com/maps/india/vegetationtypes-amppage.html

https://in.pinterest.com/pin/603623156277177797/

Subject: History/civics

Imagine yourself being elected as a Member of Parliament in Lok Sabha from the constituency where you live. What problems of your area will you raise there. Describe the role of an M. P.