Winter Break HOMe WORK

Dear Students

Have a great winter vacation!! Despite the cold winter time is fun and comes with its share of excitement. We would like to remind you that this time is also an opportunity to explore your interests and build your skills and talents.

Your aim should be to "Make Yourself" a sensible, creative and sincere person who is always ready to make efforts for the betterment of society.

A word to parents

Parenthood is a beautiful blessing. With this blessing, also comes responsibility. With your support, we teach your child the importance of education and learning. However, your role in your child's future is the most important one. Accept their imperfections and allow them to learn, develop and transform. As parents, it is important to invest your time with them now and never forget that you are doing an excellent job as a parent.

• Encourage your child's creative skills and interests in addition to his/her education at school.

• Children may not listen to what you say but will eventually always try to imitate your behaviour.

• Help your child cultivate a healthy self-image by implanting a positive mind set in him/her that he/she is lovable, capable and unique.

• Tell your child about your childhood days and the way people used to live in those days. Also tell him/her about your grandparents and parents.

Regards
Principal

Prepare a diet chart for students who are in the age group of 12- 13 years. (don't include expensive food items)

OR

Visit a nearby vegetable market with your mother and observe different types of vegetables being sold in this season. Categorise them as stem, root, flower, fruit and leafy vegetables. Collect their photographs and arrange them in a scrap book.

A soldier sacrifices his life bravely for his motherland. It is he who has to live miles away from his family. While defending his country he goes into the jaws the death. His life is not a bed of roses; it is a bed of thorns. For him, defence of country is most important in his duties and responsibilities. We are safe only because of soldiers.

Prepare THANKS GIVING CARD for Indian soldiers depicting their sacrifices for the nation.

ENGLISH

1. APPRENTICE MANUAL:-

Steps:-

a. Select any medium of advertising—television, magazines or online.

b. Decide upon a product and its name.

c. Promote the chosen product as per the medium of advertising chosen by you.

d. Use your creativity to write a catchy slogan/jingle/story and make pictures to advertise your products. Use articles correctly in your slogan/jingle/story for the product.

2. It does not pay to be an honest and sincere person in today's rat-race to achieve success. Give your views on the above topic in 200-250 words. You may give examples to support your views. Write your views in your grammar notebook.

3) English Week is being celebrated in your school. You being the bulletin board in-charge, thought of designing your board with the topics:

a) Enrichment of Vocabulary

b) Phrasal Verbs

Design your work on A4 size sheets and present it aesthetically.

Syllabus for Periodic Test:

Reader: Chapter-6 (The Entrepreneur with a heart)

Grammar: Chapter- 13,15 and 16

Practice

B Continue with a **to infinitive** to complete each sentence.

1. I want to learn how _____.
2. He asked me where _____.
3. Let me explain when _____.
4. Tell me what _____.
5. I haven't decided whom _____.
6. It was late, so we decided _____.
7. He promised not _____.
8. You aren't allowed _____.
9. Can you remind me _____?
10. It is OK _____.

Practice

C Complete the following on your own. Continue with an appropriate gerund.

1. I'm good at _____.
2. She left home without _____.
3. What are the advantages of _____?
4. A knife is for _____.
5. I leave for school after _____.
6. I'll give up _____.
7. You can carry on _____.
8. Why do you keep _____?
9. He can't go on _____.
10. You shouldn't put off _____.

Complete the following sentences with the gerund or the infinitive of the verbs in brackets.

1) I can't stand _____ (watch) them behave like that.

2) His brother hates _____ (cook).

3) I hope _____ (arrive) on time.

4) We need _____ (help) them now.

5) Mary can't afford _____ (buy) such an expensive car.

6) Jerry doesn't mind _____ (sit) and _____ (do) nothing.

7) They enjoy _____ (relax) at the beach.

8) He pretended _____ (be) poor to steal money from them.

9) I chose _____ (do) that test.

10) We miss _____ (visit) our granny.

11) They agree _____ (make) a new plan.

12) He would prefer _____ (travel) on his own than with somebody.

13) She refused _____ (tell) his name.

14) I would like _____ (dance) with you.

15) They prefer _____ (ride) bikes to _____ (walk).

16) Did you consider _____ (study) Biology?

17) They managed _____ (fix) the problem.

18) James avoids _____ (fight) with people.

19) Our teacher refused _____ (let) us cheat during the exam.

20) Children spend too much time _____ (play) video games.

SCIENCE

- Prepare a Biography of atleast 10 pages to discuss the life of any Indian scientist involving their early life,career and awards.

- PERIODIC TEST: LIGHT

- 7 pages Newspaper to be prepared involving major inventions or discovery in science from 2000 to 2019

HINDI

1. व्याकरण का अभ्यास पत्र पूरा करना है | (याद करना)

2. पाठ्यक्रम में दी गई सभी कविताओं को व्याख्या समेत उत्तर पुस्तिका में लिखकर लाने हैं | (याद

   करना)

SOCIAL SCIENCE

- Revise chapters Manufacturing, Women Cast and Reform, human Resources.

Ques 1: Activity: Collect and paste pictures and photographs of forests and grasslands of different parts of the world in the scrap file.

Ques 2: Complete the following table :

Objective: Why is this important?

One religious community does not dominate another.		
The state doesn't enforce any particular religion nor take away the religious freedom of individuals.		
That some members do not dominate other members of the same religious community.		

Ques 3: Collect stories, poems and information of the following:

a) Rani of Jhansi

b) Lord Dalhousie

c) Maharaja Ranjit Singh

Ques 4: What were the different reasons people had for not sending girls to school?

Ques 5: Mark the places of British conquest in India on Indian political map.

Prepare a card for Indian soldiers depicting their sacrifice for the nation.

MATHEMATICS

Note: Revise periodic syllabus

Ch-14 (Polygons)

Ch-20 (Volume and surface area of solids)

Q.1   Find the volume of a cube whose total surface area is 384 cm^2.

Q.2   How many soap cakes each measuring 7 cm x 5 cm x 2.5 cm can be placed in a box of size 56 cm x 40 cm x 25 cm?

Q.3   The radius and height of a cylinder are in the ration 5:7 and its volume is 550 cm^3. Find its radius and height.

Q.4   Find the number of coins. 1.5 cm in diameter and 0.2 cm thick, to be melted to form a right circular cylinder with a height of 10 cm and a diameter of 4.5 cm.

Q.5   Find the surface area of a chalk box, whose length, breadth and height are 18 cm, 10 cm and 8 cm respectively.

Q.6   The curves surface area of a cylindrical pillar is 264 m^2 and its volume is 924 m3. Find the diameter and height of the pillar.

Q.7   How many bricks, each measuring 25 cm x 11.25 cm x 6 cm, will be needed to build a wall 8 m long, 6 m high and 22.5 cm thick?

Q.8 The total surface area of a cube is150 cm^2. Find its volume.

Q.9 The volume of a cube is 343 cm^3.Find its total surface area.

Q.10 How many cubes of 10 cm edge can be put in a cuboidal box of 1 m edge?

Q.11 An iron beam is 9 m long, 40 cm wide and 20 cm high. If a cube of iron weighs 50 kg, what is the weight of the beam?

Q.12 The height of a cylinder is 14 cm and its diameter is 10 cm. Find the Volume of the cylinder?

Q.13 The height of a cylinder is 80 cm and the diameter of its base is 7 cm. Find the whole surface area of the cylinder?

Q.14 The Circumference of the circular base of a cylinder is 44 cm and its height is15 cm. Find volume of the cylinder?

Q.15 The dimensions of a cuboid are 8 m x 6 m x 4 m. Find the lateral surface area?

Q.16 Find the number of sides of a regular polygon whose each exterior angle measure 45^0.

Q.17 What is the number of diagonals in a

a) quadrilateral   b) pentagon c) hexagon d) polygon of 10 sides?

Q.18 What is the maximum exterior angle possible for a regular polygon?

Q.19 The interior angle of a regular polygon exceeds its exterior angle by 108^0. How many sides does the polygon have?

Q.20   Is it possible to have a regular polygon each of whose interior angles is 45^0?

Q.21   The height of a cylinder is 14 cm and its curved surface area is 264 cm². Find the volume of the cylinder?

Q.22   The diameter of a cylinder is 14 cm and its curved surface area is 220 cm². Find the volume of cylinder?

. Measure and find!!

Note down height of each of your family member or friends and find ratio of your height with that of each of them.