



RD PUBLIC SCHOOL, BETUL

CLASS-VII



SUMMER HOLIDAY ASSIGNMENT SESSION-2020-21

Dear Parents,

Warm Greetings!!

I hope you and your family are safe and healthy as you read this letter. Thank you so much for your patience and understanding as we have been adjusting, like you, to the drastic changes in life during the last few weeks. A huge debt of gratitude goes to all the parents who have cooperated with us during online classes. The Corona Pandemic has severely hindered the Teaching and Learning Process and has brought so many challenges to the fore. Sometimes life is not all rainbows and sunshine but it is important to use these difficult times as life lessons, growing and shaping you to blossom into a stronger and wiser person every day.

It has been over a month our students have been actively attending the online classes and sincerely submitting the work. Although the online classes are far from the essence of the actual classroom, it has helped us to connect with the students and we are really glad to see the involvement of our kids and their keenness to learn.

It's the time for Summer Break. Let us take this pandemic as a blessing in disguise and invest some quality time with our kids. We are sharing few tips that help you to make this fruitful, constructive and creative period of time.

- Have at least 2 meals with your Child.
- Do Yoga, Meditation or exercise with your kid.
- Share stories with your kid.
- Share your life experience and values with your kid.
- Assign work and give them responsibility.
- Schedule Reading time and you also sit with your child.
- Motivate your child to greet everyone and explain its importance.
- Motivate your child to speak Golden words (Please, sorry and Thank you)
- Help your kid in planning the study time during summer break.
- For summer breaks, we have planned some creative task for our students to enhance their skills.

Instructions for the Students

- ✓ The Holiday home work must be done in a very neat and presentable manner.
- ✓ Questions must be done in the given sequence.
- ✓ The child will be assessed for the presentation, neatness, completion of all the given questions and timely submission.
- ✓ Do not trouble parents for purchasing anything during lockdown.
- ✓ Do your assignment with the things available at home.
- ✓ Last but not least revise all subjects as it will help you for future assessments.

Thanking You

Regards

Director RDPS

HINDI

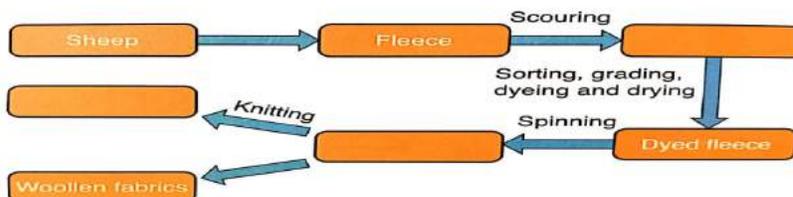
1. 'भारत में लॉकडाउन' विषय पर लगभग 100 शब्दों में अनुच्छेद लिखिए ।
2. 'स्वच्छ भारत स्वस्थ भारत' विषय पर एक आकर्षक विज्ञापन तैयार कीजिये ।
3. गर्मियों में धूप गर्मी से बचने के लिए आप किन्हीं पांच उपायों को लिखिए ।
4. लगभग 100 शब्दों का शुद्ध लेख लिखकर उसमें संज्ञा व सर्वनाम शब्दों को अलग अलग रंगों से रेखांकित कीजिये ।

SCIENCE

1. Use some discarded aluminum can, and glass bottles and containers. Make some holes at the bottom of these .Now put some pebbles in the bottom of each .Then fill up to two thirds of these containers with some soil .Plant stems of some herbs such as Tulsi, mint and coriander in these pots. Place these containers on a plate so that when you water them the water does not flow out. Water these plants regularly. Once the herbs grow, these can be used in some dishes.

1.

B Complete the flow chart.



In the Library

Collect information about 'Ahimsa silk' (the silk fibre obtained after the insect has emerged out, without killing it) from your library books and write a short article on it.

2. Learn the given table daily.

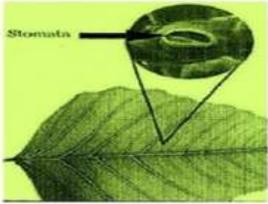
Table 4.1: Symbols of some elements

Element (Latin name)	Symbol	Element (Latin name)	Symbol	Element (Latin name)	Symbol
Hydrogen	H	Aluminium	Al	Zinc	Zn
Carbon	C	Nitrogen	N	Phosphorus	P
Boron	B	Argon	Ar	Sulphur	S
Iodine	I	Fluorine	F	Lead (Plumbum)	Pb
Lithium	Li	Oxygen	O	Silver (Argentum)	Ag
Beryllium	Be	Barium	Ba	Copper (Cuprum)	Cu
Silicon	Si	Bromine	Br	Gold (Aurum)	Au
Magnesium	Mg	Calcium	Ca	Helium	He
Manganese	Mn	Iron (Ferrum)	Fe	Neon	Ne
Chlorine	Cl	Sulphur	S	Potassium (Kalium)	K
Mercury (Hydrargyrum)	Hg	Sodium (Natrium)	Na	Cobalt	Co

Table 4.4: Valencies of some elements

Element	Valency	Element	Valency	Element	Valency
Sodium	1	Magnesium	2	Chlorine	1
Potassium	1	Calcium	2	Carbon	4
Silver	1	Aluminium	3	Oxygen	2
Zinc	2	Hydrogen	1	Iodine	1

4. Do the given activity

Activity	Time	Skills Enhanced / Learning Outcome
<p>2. Transpiration Make structure of stomata by using kidney beans. How does the stomata contribute in photosynthesis and transpiration?</p> 	20 minutes	<ul style="list-style-type: none"> • Planning and Organisation • Creativity and Innovation

Weather, Climate and Adaptations of Animals to Climate	<p>1. Climate and Adaptation The first column of the table has some facts given based on the adaptation of animals. Complete the table by writing the explanation for these.</p> <table border="1"> <thead> <tr> <th>Fact</th> <th>Because</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>Polar bears have a strong sense of smell.</td> <td>Because</td> <td></td> </tr> <tr> <td>Polar bears have thick fur on their body.</td> <td>Because</td> <td></td> </tr> </tbody> </table>	Fact	Because	Explanation	Polar bears have a strong sense of smell.	Because		Polar bears have thick fur on their body.	Because		20 minutes	<ul style="list-style-type: none"> • Understanding and making connections • Appreciation of the environment. • Seeking more information
	Fact	Because	Explanation									
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Polar bears have thick fur on their body.	Because											

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Topic	Activity	Time	Skills Enhanced / Learning Outcome															
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MATHEMATICS

Q-1 Project Work: The following format will be followed for the projects:

The project should be hand written. The page wise format of the project presentation is as follows:

Page 1 –Give the project a suitable name.

Page 2 –Explain what the project is about.

Page 3 -- Define the AIM and OBJECTIVE of your project.

Page 4 -- Give a brief write-up (about 75 words) on all the resources you used –• books referred to, people you consulted etc.

Page 5 – Outline the procedure and process you planned in order to carry out the project.

Topic --- Vedic Math: Show how to illustrate the methods of calculation for addition, subtraction or multiplication using Vedic Math. Compare Arithmetic and Vedic Math on the basis of simplicity, accuracy and speed.

Note: Total number of sheets in project should not exceed 6

Q-2 (i) Collect the height (in cm) and weight (in kg) of 4 – 5 members of your family.

(ii) Prepare bar graph for the above collected data (i.e. height and weight).

(iii) Calculate BMI (body mass index) for each member.

(iv) Calculate average height for the collected data.

(v). Calculate average weight for the collected data.

Q-3 Knowing More about Fractions (Do Activity)

How to do: Conduct a telephonic survey of 5 families of your locality and collect data that

(i) How many families have four wheeler? (ii) How many families have two wheeler?

(iii) How many families have both four wheeler and two wheeler? (iv) How many families have Bicycle?

Calculate the fraction of data collected to that of total number of families in all the four parts. Also represent those fractions on different circles and paste them.

5. Write a pair of negative integers whose difference gives 8.

6. Write a negative integer and a positive integer whose sum is -5 .

7. Write a negative integer and a positive integer whose difference is -3 .

8. Find: $4 \times (-8)$, $8 \times (-2)$, $3 \times (-7)$, $10 \times (-1)$ using number line.

9. Verify $(-30) \times [13 + (-3)] = [(-30) \times 13] + [(-30) \times (-3)]$

10. Write the following decimal numbers in the expanded form:

(i) 20.03 (ii) 2.03 (iii) 200.03 (iv) 2.034

11. Write the place value of 2 in the following decimal numbers:

(j) 2.56 (ii) 21.37 (iii) 10.25 (IV) 9.42 (v) 63.352.

12. Express as rupees using decimals.

(a) 5 paise (b) 350 paise (c) 2 rupees 60 paise (d) 5 rupees 9 paise

13. Express as meters using decimals.

(b) 15 cm (b) 8 cm (c) 2 m 15 cm (d) 3 m 70 cm

14. Express as cm using decimals.

(c) 25 mm (b) 5 mm (c) 176 mm (d) 4 cm 5 mm

15. Think, Discuss and write

(i) The product $(-9) \times (-5) \times (-6) \times (-3)$ is positive, whereas the product $(-9) \times (-5) \times 6 \times (-3)$ is negative. Why?

(ii) Explain why $10 - (-10)$ does not equal $-10 - 10$?

(iii) Will the reciprocal of a proper fraction be again a proper fraction? Write reason with example?

ENGLISH

Q1 Get complete details about corona pandemic and make a Mind Map showing how humans have deteriorated nature. Mention Corona virus also as one of its result. Also mention what should be the way ahead for humans to lead a healthy life.

Q2. Write an essay on 'Major problems during Lockdown in India & the role of the government. Also pick out pronouns, Verbs, Adjectives, nouns & prepositions from the essay and make separate list of them.

3. Write procedure for making your favorite recipe and paste picture of the same.

4. Imagine your life after five decades with your grandsons & granddaughters. Create your own story using following characters who were great risk taker to fight with Covid 19 in India . a) Doctors b) Nurses c) Police d) Ministers e) Politicians f) social worker etc. You can add characters as per your observations to develop the story. (Word limit 100- 150)

5. Write a letter to your friend, making him/her aware of the different facilities that government is providing for people in India during lockdown .Share the list of facilities.

6. Make a magazine (using old copies and books) for children aged between 9-11 years. Choose an interesting name for your magazine. Make a colorful cover page. It must have an index. The magazine can comprise of 05-10 pages. Any four-five topics can be chosen out of those listed below –

(a) Current affairs, (b) An interview of an important personality, (c) Health, (d) Recipes, (e) Amazing facts, (f) Description of a historical place, (g) Nutrition, (h) Jokes, (i) Sports

7. Below are few riddles for you to crack. Also make 5 such riddles and write in your assignment and keep the answers with you. Once you come back to school we will ask your friends to crack your riddles. Think and create 😊

riddle of the day

I stay in the corner but travel around the world.
What am I?

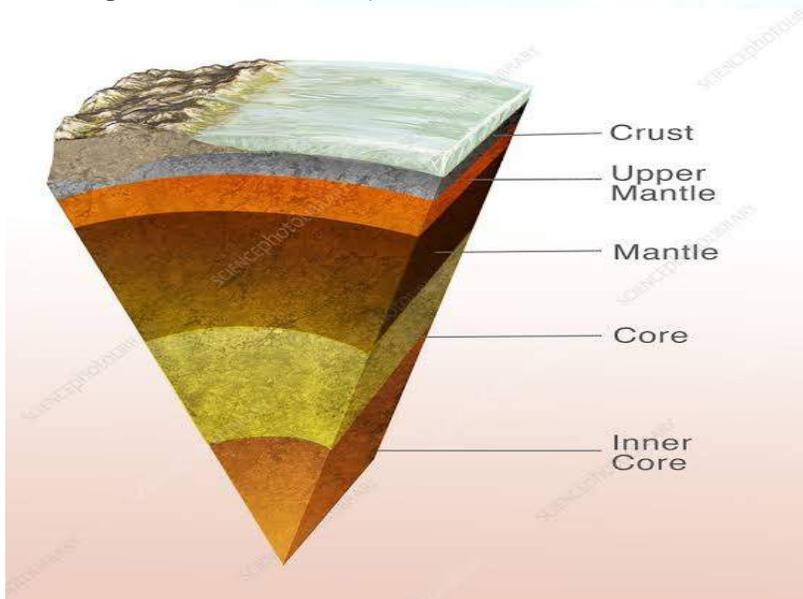
TRICKY ENGLISH RIDDLES

CERTAIN 5 LETTERS WORD
BECOMES SHORTER WHEN YOU
ADD TWO LETTERS TO IT.
WHAT IS THE WORD?



SOCIAL STUDIES

Q1- Model Making- Prepare a model 'Inside the earth'. (You may take help of the following diagram and use the things available at home)



Q2 "The pandemic is life taking but it has good effects on environment and family". Pen down your thoughts on above statement. (With examples)

Q3 Make a working model of Persian wheel with the help of available material at your home. Like bottle cap or match box etc.

Q4 Collect information about temples of chola empires.

Q5 collect information about active volcanoes on earth and also explain the positive effects of volcanoes.

Q6 Article Writing- Write an article on how our country got different names.

Q7 Poster Making: Make a poster on the theme 'We all Indians are Equal'.

LISTENING SKILLS

Listening is an art and a good learner is always an artist at it.

Being a good listener has many benefits. People with good listening skills are more productive, make better partners and colleagues, are better problem solvers, and have healthier interpersonal relationships.

Below is the link for you to listen to endless stories and sharpen your listening skills.

<https://stories.audible.com/start-listen>

