





MESSAGE

Dear Parents,

Vacations are not only meant to explore the world outside but also is an opportunity to rediscover ourselves while we stay at home. So, embark on a journey of fun and adventure by reading books, exercising, meditating, dancing and channelizing your energy in a positive manner. The Summer Vacation has begun.

To keep our students engaged in fun-based learning activities we have compiled a set of activities for the \Summer Vacation. You may have to help your child to complete the home-work. Kindly make sure that your child submits the home work to their respective class teacher/subject teachers as per the submission dates suggested.

Principal

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ENGLISH

- 1. Do Reading at least 15 minutes daily.
- A poster on any of your favourite freedom fighter.
- 3. Write a paragraph on "APJ Abdul Kalam" in 70-80 words in A 4 sheets.
- 4. Write 20 new words & frame it in sentence of your own. Daily for 10 days.
- 5. Revise syllabus covered so far in the class.
- 6. Write about 5 famous foods of Punjab, Keral and Maharashtra and paste their pictures.
- 7. Using picture that is given below prepare a story.













- 8. Make chart on tense and part of speech.
- 9. Do active passive/passive sentences on A-4 sheets. (All type, at least 80)

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10. Read the passage and answer the following questions.

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***	fron	o spends most of his day reading books. These books could be of any kind, ranging in fiction novels to books about nature. But his favourite books are mystery novels has Nancy Drew, A to Z and The Famous Five.	个个
千千千	bec his f	o's friends call him a bookworm and tease him about his habit. He is often laughed at cause instead of playing video games he spends his free time reading books. While riends tease him, his parents and teachers are proud of him. They think that reading roves a person's vocabulary and expression.	十十十二
下 キャキャキャキャキャ	read "Jus a m topi	e day Bob was reading a book about Dinosaurs which really interested him. He d about the T-Rex, Raptors, Dracorex, Troodon and many more. The next week, in a st a Minute" competition Bob had to pick up a chit and speak about that topic for hinute. This competition was amongst various schools in his town. To his surprise, his ic was 'T-Rex'. This made Bob very excited because he knew a lot about dinosaurs.	て学学学
个米	ann	n though he did well, he was not expecting to win. As the results were being nounced, Bob became very nervous. But he got excited when his name was nounced for first place. Bob didn't only make his parents proud, but his entire school.	半米
***	war	was the first "Just a Minute" competition the school had ever won. Soon everybody nted to become Bob's friend. No one laughed or teased him anymore. Bob was ppy that his hobby got him success.	个个头
*	Ans	wer the following questions:	**
*	1.	What do Bob's teachers and parents think about his habit?	**
**	2.	What do Bob's friends call him and why?	个个
个个	3.	What surprising event took place during "Just a Minute"?	下产
****	4.	What made Bob happy in the end?	下产
丁爷	5.	What are Bob's favourite books?	丁学
了			下
7			7
7		ACTIVITY	*
7	•	are a Bio-sketch of the BILL GATES which includes the following: ortfolio/Picture of BILL GATES	7
*	B. Ye	ear of birth and death	ベード・イナー・イナー・イナー・イナー・イナー・イナー・イナー・イナー・イナー・イナー
7		ersonal life ducational background	7
**		otable works and Achievements	*

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हिंदी

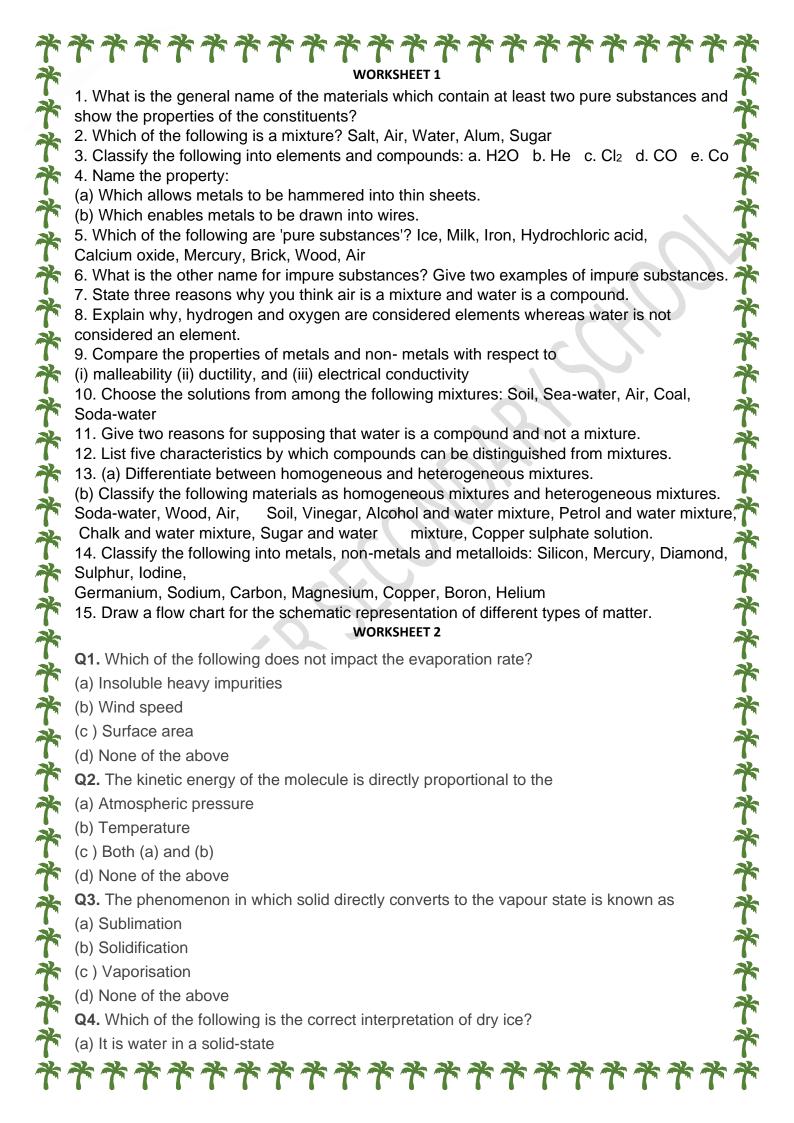
- 1. लाल किले पर 70-80 शब्दों का लेख लिखिए।
- 2. जवाहर लाल नेहरु जी के बारे पढ़िए एवं उनके जीवन अपने विचार व्यक्त कीजिए।
- 3. सुरदास जी की जीवनी अपने शब्दों में लिखिए एंव याद कीजिए।
- 4. अलंकार,संन्धि,समास तथा उसके प्रकार उदाहरण सहित लिखिए एव याद कीजिए।
- 5. 30-30 पर्यायवाची शब्द लिखिए(तीन-तीन) मुहावरे भी लिखिए और याद भी कीजिए (कोई भी 30)
- 5. नीचे दी गई पिक्चर को देखकर कहानी लिखिए।

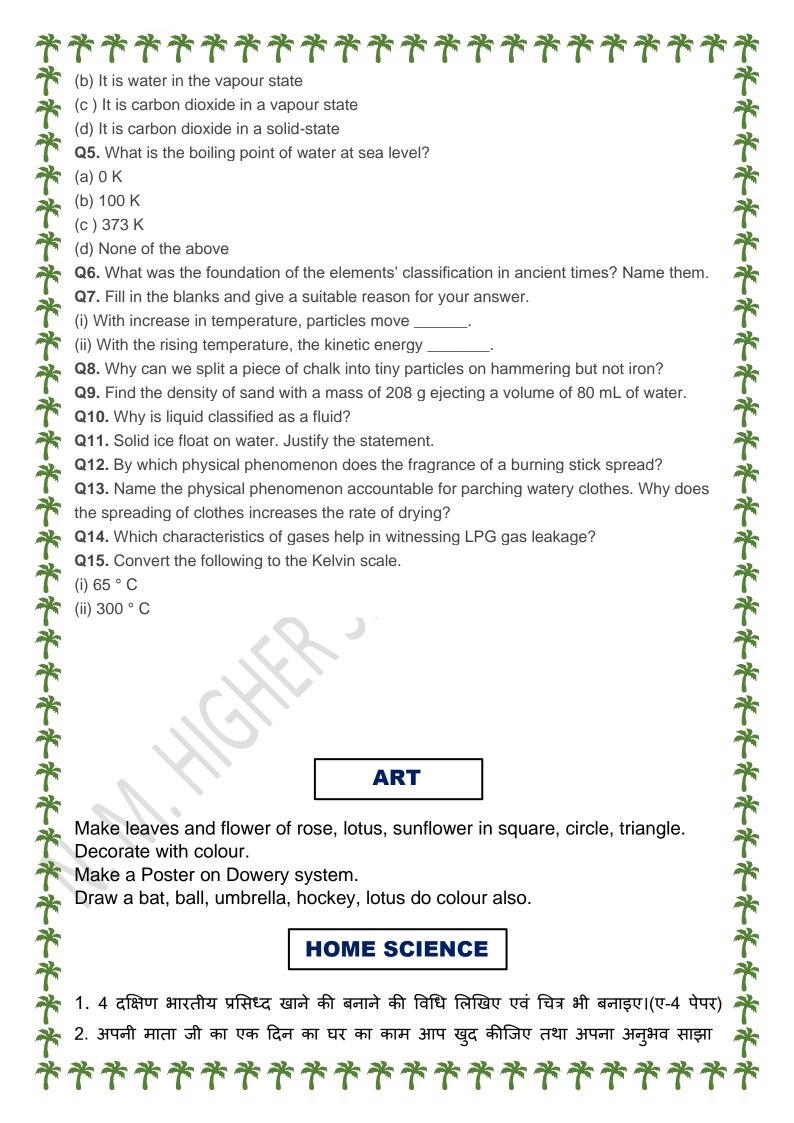


SCIENCE

- 1. Make a poster for saving water.
- 2. Draw WATER-CYCLE and write down whole process with its explanation.

- Make a chart on Human's lungs.
- 4. Revise the syllabus covered so far.
- 5. Write five do's and don'ts in case of fire.





************* 3. अपनी माता की सहायता से गृह-बजट तैयार कीजिए। 4. दूषित पानी से होने वाले रोगों को लिखिए एवं इनके उपचार एवं बचाव भी लिखिए। 5. अपने घर की रसाई की विभिन्न दिक्कतों को समझकर एक आदर्श रसोई की मुख्य विशेषता लिखिए। 6. बेबी स्वेटर बनाने की विधि लिखिए एव चित्र सहित समझाइए। **MATHEMATICS**1. Learn and write tables 2 to 35, square 1-30, square root 1-20, cube roots 1-15, 2. Complete your notebook.

3. Practice Chapter1 (Number System), Chapter 2 (Polynomials) in practice notebook.

4. Collect information on two of the famous mathematicians with pictures?

5. Take any 3 gadgets say 3 different mobiles. Find their length and width (Breadth) and height. Find the surface area of the gadget.

6. Draw a bar graph showing yearly growth of intenet users in India between 2014 and 2020.

7. Make a wall clock using Roman Numerals. (Use ecofriendly material)

8. Make a short Formula Notebook. (Use A4 or A3 size pastel sheet)

Worksheet 1

Q1. Find x if $27^x = 9/3^x$ Q2. Solve $(v5)^7 * * (v5)^5 = 5^x$.
Q3. Evaluate $\sqrt[3]{4}$, $\sqrt[3]{8}$.
Q4. Find $\frac{1}{x}$ with rational denominator if $x = \sqrt{5} + 2$.
Q5. Arrange the following in ascending order of magnitude: $\sqrt[3]{3}$, $\sqrt[3]{4}$, $\sqrt[3]{2}$ Q6. Arrange the following in descending order of magnitude: $\sqrt[3]{90}$, $\sqrt[3]{10}$, $\sqrt[4]{6}$ Q7. Find the decimal representation of $2\frac{5}{12}$ and state its type.

Q8. Evaluate $\sqrt[4]{256} + \sqrt[3]{216} - \sqrt[6]{64}$ Q9. Simplify $(\sqrt[3]{\frac{27}{125}})^{-2} + (\sqrt[3]{\frac{27}{125}})^{-4}$ Q10. Express each of the following recurring decimals as a rational number i). 0.5
ii). 0.13
iii). 0.34
iii). 0.34
Q11. Add $2\sqrt{3} + \sqrt{5}$ and $\sqrt[3]{3} - 3\sqrt[3]{5}$ Q12. Divide $12\sqrt[3]{8}$ by $2\sqrt{2}$ **MATHEMATICS *******************

- What is the value of k in polynomial x² + 8x + k, if -1 is a zero of the polynomial?

$$\frac{(a^2-b^2)^3+(b^2-c^2)^3+(c^2-a^2)^3}{(a-b)^3+(b-c)^3+(c-a)^3}$$

Worksheet 2

SECTION-A

1. Write the degree of the given polynomials:
i) $(2x + 4)^3$ ii) $(t^2 + 4)(t^2 + 9)$ 2. Write the coefficient of x^4 and $x ext{ in } 4x^3 \cdot 5x^4 + 2x^2 + 3$.
3. Find the zeroes of $f(z) = z^2 \cdot 2z$.
4. Find the product using suitable identities: $(4 + 5x)(4 \cdot 5x)$.
5. What is the value of k in polynomial $x^2 + 8x + k$, if $x \cdot 1$ is a zero of the polynomial $x \cdot 1$ in $x \cdot 1$ is a zero of the polynomial $x \cdot 1$ in $x \cdot 1$ is a zero of the polynomial $x \cdot 1$ in $x \cdot 1$ ax2 -12x + 6 are divided by x+1 and x-2 respectively. If 2P + Q = 6, find the value

SOCIAL STUDY

- 1. प्रथम विश्व युद्ध के बारे में पढ़िए एवं प्रमुख तथ्य एकत्रित करके ए-4 शीट पर लिखिए।
- 2. भारत के संविधान का अध्ययन कीजिए एव अपने विचार प्रकट कीजिए।(100-150 शब्द)
- 3. विभिन्न राज्यों के प्रम्ख त्यौहरों की पिक्चर्स चिपकाइए एव म्ख्य तथ्य लिखिए
- 4. देश के अब तक हुए सभी प्रधान मंत्रीयों नाम की सूची तैयार कीजिए पिक्चर भी एकत्रित करके विपकाइए एवं प्रमुख तथ्य स्पष्ट कीजिए।(जैसे कार्यकाल, न., जन्म स्थान, प्रमुख कार्य, आदि)
- 5. कक्षा में पढ़ाए गए सभी पाठों का अध्ययन कीजिए।
- 6. उत्तर प्रदेश के बारे महत्वपूर्ण सूचना एकत्रित करके साफ-सुथरें लेख में A-4 पेज पर लिखिए। (इतिहास, क्षेत्रफल,राजधानी, प्रमुख नदियाँ, प्रमुख त्यौहार, वर्तमान मुख्यंत्री, इत्यादि)

नोट:- हाईलइटर एंव स्केच पैन का भी प्रयोग कीजिए।

7. महात्मा गाँधी जी के बारे में अध्ययन कीजिए तथा जीवन, मुख्य घटना, मुख्य आंदोलन, देश की स्वंतत्रता में योगदान,दक्षिण अफ्रीका दौरा पर अपने संक्षिप्त टिप्पणी लिखिए।

Let's be a Helping Hand

1: -This summer let's help the birds/animals by giving them food and water. Place two bowls, one for water and the other for food. Mark your observations. After few days you will notice that the birds and animals eagerly waiting for you and you too will feel very happy.

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2: -Value Based

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- 1)Greet the person who visits your house by saying Namaste/Assalamwalekum, Hello, etc.
- 2)Help your parents by doing small things like watering the plants, cleaning your bookshelf, keeping the things in proper places, etc.
- 3) Listen to your elders and obey them.
- 4) Spend quality time with your parents, grandparents, etc.
- 5)Be polite while talking to someone or while talking to someone over the phone.

