

KENDRIYA VIDYALAYA, GOLDENROCK, TRICHY.

CLASS 3 -HOLIDAY HOMEWORK

English

- 1) Read stories of Panchatantra. Note down the title and the characters of the Story .
 - 2) Write a letter to your friend inviting her or him to spend the Winter break with you.
 - 3) Write half a page cursive writing, daily.
 - 4) Write a paragraph on My pet Animal
 - 5) Write/ paste five headlines from the newspaper on ¼ chart
 - 6) Learn any two new words daily, learn its spelling and search the dictionary for its meaning. Write it in a ¼ chart.
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हिन्दी

1. विद्यालय प्रार्थना याद करनी है।
2. राष्ट्रगान याद करना है।
3. विद्यालय प्रतिज्ञा एक बार लिख कर याद करनी है।
4. अपना व अपने परिवार के सभी सदस्यों के नाम हिन्दी में लिखना सेखों । ¼ चार्ट में लिखो
- 5 अपनी पसिंद का कोई भी भाषा का एक देशबक्ती गीत याद करना है।
- 6 भारत के राष्ट्रीय प्रतीकों के चित्रा ¼ चार्ट में चिपकाओ

Class : III - MATHS

- 1. Write the tables from 1 to 10**
- 2. Write the numbers from 1 - 1000**
- 3. Write the number names from 100 - 200**
- 4. Choose the correct answer:**

1. Which of the following will measure in millilitres (ml)?
 (a) A bucket of water (b) A container of milk
 (b) A sack of rice (d) A spoon of cough syrup
2. Which of the following will measure in litres (l)?
 (a) A glass of juice (b) A jug of water (c) A cup of tea (d) A dropper of eye-drop
3. 1 litre = _____ ml (a) 500 (b) 100 (c) 1000 (d) 10000
4. 6000 = _____ litres (a) 6 (b) 60 (c) 600 (d) 100
5. 1725 litres = _____ litres _____ ml (a) 172, 5 (b) 17, 25 (c) 1, 725 (d) 10, 25
6. Roshani has 5 litres of cold drink. How many glasses of 100 ml can she fill with it?
 (a) 10 (b) 5 (c) 50 (d) 500
7. Rashi has made 6 litres of lemon squash. How many bottles of 2 litres can she fill?
 (a) 6 (b) 3 (c) 12 (d) 2
8. Three glasses, containing 250 ml of milk each are poured into a 1 litre bottle. How much milk is there in the bottle?
 (a) 1000 ml (b) 2 litres (c) 750 ml (d) 500 ml
9. Four cups of 200 ml orange juice are poured in a jug. The jug contains
 (a) 1 litre orange juice (c) 400 ml orange juice
 (b) 1000 ml orange juice (d) 800 ml orange juice
10. L + 309 ml + 11 ml = _____ L (a) 9320 L (b) 1220 L (c) 9330 L (d) 2309 L

5. Find out which container will hold (House hold things).

More than 1 litre	Less than 1 litre
1	1
2	2
3	3
4	4
5	5

6. Solve the following questions:

- a) In a school, there are 127 students in grade one, 120 in grade two, 110 in grade three, 100 in grade four and 93 in grade five. Find the total number of students in the school.

- b) A man plucked 435 mangoes from one tree, 450 mangoes from the second tree and 295 mangoes from the third tree, Find the total number of mangoes plucked from the trees.
- c) There are 27 boys and 23 girls in class. 9 were absent on Tuesday. How many were present on Tuesday?
- d) Raju has 50 Rupees. He bought a book of Rs.22. How much money is left with him?

7. Do Multiplication Sums:


- a) 56×16
- b) 89×34
- c) 25×25
- d) 69×43
- e) 78×21


*****All should write in your class work note.**


Class : III EVS


1. Draw a plate filled with balanced diet.
2. Draw/Paste a picture for save water save life
3. Name some spices that we get from the plant.
4. Prepare a chart for unhealthy food.
5. Where we get the water? Write the names in the box. (Take a printout & write their names)


SOURCES OF WATER














POND

BOREWELL

SEA

WELL

LAKE

RIVER

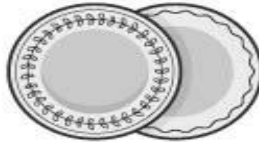
LIVEWORKSHEETS

6. Write the name of the utensils below that:

Kitchen Utensils

Match the kitchen things

Fork- Apron - Pot - Cup - Colander - Cutting board - Spoon
Spatula - Oven Mitt - Knife - Grater - Saucepan - Frying pan
Rolling pin - Plates - Bowl



Kendriya vidyalaya Golden Rock,Trichy-4

CLASS-4- HOLIDAY HOMEWORK

HINDI

1. Daily write a paragraph from the Hindi Textbook in the rough notebook to improve Handwriting.
2. Daily practice reading a paragraph from any lesson in the Hindi Textbook to improve the reading skill.
3. Watch the Hindi news bulletin in the T.V. and practice News Reading.
4. Note down at least one news headline a day in a ruled paper.
4. Write a Hindi story in a ruled paper.
5. Practice loud reading of at least 3 to 4 unseen passages in Hindi.
6. Write at least one new word in Hindi each day and also write the meaning of the same in a ruled paper.

Subject Teacher: J.MANJUSRI

ENGLISH

1. Practice one page handwriting daily
2. Read the English textbook daily and identify the difficult words write any 20 words in A4 sheet
3. Write 10 sentences on your own using the helping verbs(is, am , are , was, were) in A4 sheet
4. Project work:- make a puppet, refer to page number 164 in the textbook.
5. Read any three story books daily and write the author 's name.

Subject Teacher: Shamin

MATHS

1. Learn multiplication Table up to 15.
2. Take print and Do the work sheet given.

Subject Teacher: Nisha Leslin

Kendriya vidyalaya Golden Rock,Trichy-4



CLASS-4- HOLIDAY HOMEWORK

EVS Instructions:- Do all the questions in your class work notebook.

1. Give 5 examples of edible parts of a plant

Flower	Seed	Leaves	Roots	Stem

2. Collect different types of roots paste dinner A4 paper and name them
 3. What is a slum? Explain briefly .Collect needed pictures.
 4. Compare a village and a city on the basis of the points given below.

Comparison Points	 Village	 City
Size		
Population		
Area		
Streets		
Traffic		
Services		
Houses		
Jobs		

5. Answer the following questions.
 (i)Name the metropolitan cities of India.
 (ii)Which is the historic railway station in Mumbai?
 (iii) What was the old name of Chhatrapati Shivaji Terminus?
 6. Collect the data about the harvesting festivals of different states in India

State	Harvesting featracti	Special food items	Other attractive

7. a. Name the traditional Indian crafts and arts, write the states.
 b. How are traditional arts and crafts continued for many years?
 8. Complete the following by capitals of countries listed below. (One has been done for you)Paste pictures of currency And coin

Country	Capital	Currency Or coins
UAE	Abu Dhabi	Dirham
China	.....	.....
Thailand	.....	.....
Greece	.....	.....
Germany	.....	.....
Italy	.....	.....

Kendriya vidyalaya Golden Rock,Trichy-4

CLASS-4- HOLIDAY HOMEWORK

Japan

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Subject Teacher: Nisha Leslin

CLASS 5 WINTER BREAK DEC-2024 HOLIDAY HOMEWORK

SUB:- HINDI

- मेरे प्रिय पक्षी पर अनुच्छेद लिखो ।
- “पानी का प्रदूषण”/ “हमारे राज्य में बाढ़ आया” विषय से जुड़े समाचारों को अखबार से इकट्ठा करो । 1/4 चाट पर चिपकाओ ।
- बाघ का मुखौटा बनाओ ।
- रोजाना हिन्दी भाषा में निम्न पढ़ो ।(अखबार, पाठ्यपुस्तक, अन्य कोई हिन्दी पुस्तक)
- प्रति दिन 5 लाइनें सुलेख लिखिये।
- "आपने सर्दियों की छुट्टियाँ कैसे बिताई" विषय पर एक अनुच्छेद लिखो ।
- भारत के कोई पाँच पक्षियों को चुनकर उनके चित्र चिपका कर उन पर पान वाक्य लिखो

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CHAPTER: WAYS OF MULTIPLY AND DIVIDE

Write all 3 multiplication methods - example given below in maths note , and do the following HW1 maths note by the multiplication.

two questions in tree methods of

Partial Products & Box Method

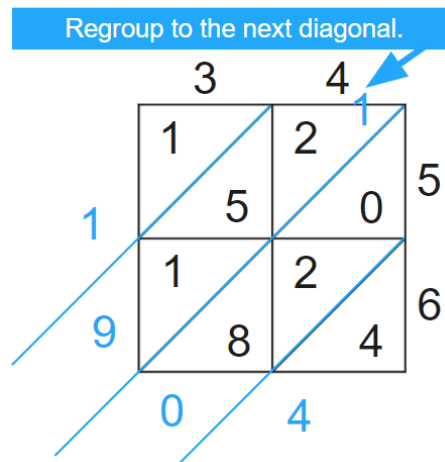
There are other strategies you can use to solve multiplication problems. You can use the Box Method or the Partial Products.

Box Method	Partial Products								
23×42 $20 + 3$ <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 5px;">$20 \times 40 =$</td> <td style="padding: 5px;">$3 \times 40 =$</td> </tr> <tr> <td style="padding: 5px; text-align: center;">800</td> <td style="padding: 5px; text-align: center;">120</td> </tr> <tr> <td style="padding: 5px;">$20 \times 2 =$</td> <td style="padding: 5px;">$3 \times 2 =$</td> </tr> <tr> <td style="padding: 5px; text-align: center;">40</td> <td style="padding: 5px; text-align: center;">6</td> </tr> </table> <p style="text-align: center;">$800 + 120 + 40 + 6$</p>	$20 \times 40 =$	$3 \times 40 =$	800	120	$20 \times 2 =$	$3 \times 2 =$	40	6	23×42 42 think (40 + 2) $\times 23$ think (20 + 3) 6 (3 x 2) 120 (3 x 40) 40 (20 x 2) $+ 800$ (20 x 40) <hr style="width: 50%; margin-left: 0;"/> 966
$20 \times 40 =$	$3 \times 40 =$								
800	120								
$20 \times 2 =$	$3 \times 2 =$								
40	6								
<p>Step 1: Expand each of the factors you are multiplying.</p> <p>Step 2: Set up the numbers above the boxes.</p> <p>Step 3: Multiply the numbers in the rows and columns.</p> <p>Step 4: Add all of the products found in each of the boxes to get the total.</p>	<p>Step 1: Multiply by the ones.</p> <p>Step 2: Multiply by the tens.</p> <p>Step 3: List all the partial products.</p> <p>Step 4: Add all of the partial products together to get the total.</p>								

NOTE : PARTIAL PRODUCT METHOD MEANS COLOUMN, MUTIPLICATION

LATTTICE METHOD OF MUTIPLICATION

Example “ 34 X 56 ” = 1904



HW 1 : Do the following multiplication by all 3 ways in Maths note .

a. 29×32

b. 235×146

HW2-Solve Word problems, write steps. (use any one method of multiplication)

Q 1) A car travels a distance of 145 km every day. What distance will it travel in a year?

Q 2) 24 folders each has 56 sheets of paper inside them. How many sheets of paper are there altogether?

Q 3) A carton holds 24 packets of biscuits. Each packet has 12 biscuits. How many biscuits can be packed in 45 cartons?

Q 4) The monthly salary of a man is Rs. 12,500 What is his annual income by salary? (Annual means one year =12 months)

Area perimeter word problems

Q1) How many tiles, each measuring $2\text{ m} \times 1\text{ m}$, are required to cover a rectangular hall 18 m long and 12 m broad?

Find the cost of tiles at Rs,250 per tile.

Q2) The sides of a triangular field are 20 cm, 15 cm, and 12 cm. Find the total distance travelled by a boy in taking 2 complete rounds of this field.

Q3) The length of a piece of wire is 78 m. If the wire is used to make a regular pentagon and a regular hexagon, find the difference in the lengths of its sides.

Smart charts

Draw the frequency distribution table, fill the data using tally mark.

The marks scored by 40 candidates in an examination (out of 100) is given below:

75, 65, 57, 50, 32, 54, 75, 67,

75, 88, 80, 42, 40, 41, 34, 78,
68, 52, 43, 49, 59, 49, 67, 34,
33, 87, 97, 47, 46, 54, 48, 45,
51, 47, 41, 43, 43, 61, 42, 46

Note: Prepare a frequency distribution table with the class size 10.

Take the class intervals as (30–39), (40–49),... and answer the following questions:

- (i) Which class intervals have the highest?
- (ii) Which class intervals have the lowest?

Class Interval	Tally Marks	Frequency
30-39		

Class : V - English

1. Who is your best friend? Describe him or her in a short paragraph.
2. Paste or draw sea animals. Write 5 lines about it.
3. Read English newspaper/stories daily.
4. Look at the picture and write a few sentences about it.



5. Complete the following worksheets:

Articles Worksheet








a	an	the
---	----	-----

Complete the sentence with correct article:

- _____ plates are on the dining table.
- I want _____ burger.
- There is _____ orange on the table.
- _____ students are welcoming the chief guest.
- He is in _____ rush.
- I have got _____ plan for that.
- She is always smiling and kind to _____ students.
- A teacher is _____ important person in everyone's life.
- He is _____ best in this subject.
- There was _____ lot of fun while playing cricket.

Degree of Comparison

Choose the correct option to complete each sentence.

- This is the _____ car in the garage.
(a) fast (b) faster (c) fastest (d) fasted 
- She is _____ than her brother.
(a) tall (b) tallest (c) taller (d) more tall 
- He feels _____ today than he did yesterday.
(a) happy (b) happier (c) happiest (d) more happy 
- This building is the _____ in the town.
(a) tall (b) taller (c) tallest (d) most tall 
- Mary's story is _____ than Tom's.
(a) funny (b) funnier (c) funniest (d) more funny 
- Today's weather is the _____ of the month.
(a) cold (b) colder (c) coldest (d) most cold 
- He plays the guitar _____ than I do.
(a) good (b) better (c) best (d) more good 

- **Arrange the following words in the order that they make complete sense:**

1. are my toys these.

2. milk cow us gives.

3. a lamb little had Mary.

4. elders your always respect should you.

5. you where are going ?

6. seven weeks are a in there days.

7. games love children play to.

8. beast donkey a burden of is.

9. sat wall on Humpty Dumpty.

10. make noise a not do.








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KENDRIYA VIDYALAYA GOLDEN ROCK TRICHY

HOLIDAY HOMEWORK WINTER BREAK

CLASS- VI SUBJECT- MATHS

- Q1. Find the perimeter of a rectangle whose length and breadth are 25 cm and 15 cm respectively.
- Q2. Find the side of a square whose perimeter is 100 cm
- Q3. Find the cost of fencing a square park of side 300m at the rate of Rs 20 per metre.
- Q4. What is the perimeter of a regular pentagon whose each side measuring 5 cm?
- Q5. How much would it cost to lay a wall to wall carpet in a room 10m long and 7m wide, with a carpet that costs ₹ 115 per m².
- Q6. How many tiles of 10cm by 6cm will be needed to pave a rectangular path of 5m by 3m?
- Q7. Number of matchsticks required to make a pattern of "Z"
- Q8. Find the sum: $0.007 + 8.5 + 30.08$
- Q9. Find the value of $9.756 - 6.28$.
- Q10. Raju bought a book for ₹ 35.65. He gave ₹ 50 to the shopkeeper. How much money did he get back from the shopkeeper?
- Q11. Fill In The Blanks
- $8.76 - 2.68 = \dots\dots\dots$
 - The value of 50 coins of 50 paise = ₹ $\dots\dots\dots$
- Q12. What fraction of an hour is 45 minutes?
- Q13. Find the equivalent fraction of $\frac{3}{5}$ with denominator 20.
- Q14. The following pictograph shows the number of Maruti van manufactured during a week. Read the table and answer the questions given below (Q1 – Q7):

Days	Number of Maruti Van manufactured	 = 100 Maruti Vans
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		

- On which day were the least number of Maruti Vans manufactured?
 - Find the number of Maruti Vans manufactured on Wednesday.
 - On which day were the maximum number of Maruti Vans manufactured?
 - Find out the approximate number of Maruti Vans manufactured in the particular week.
 - On which days were the same number of Maruti Vans manufactured?
 - Find the number of Maruti Vans manufactured on Monday.
 - Find the number of Maruti Vans manufactured on Thursday.
- Q15. Find:

$$\begin{aligned} \text{○} + \text{○} &= 10 \\ \text{○} \times \text{□} + \text{□} &= 12 \\ \text{○} \times \text{□} - \text{△} \times \text{○} &= \text{○} \\ \text{△} &= ? \end{aligned}$$

NOTE: DO IT ON MATH NOTE

SUBJECT -HINDI

1. महाराणा प्रताप कौन थे ? उनके बारे में लिखिए

2. प्रेमचंद और उनकी अन्य कहानियों के बारे में लिखिए

Learn and write the lessons in the class work note back side as home test

SUBJECT-SCIENCE

1. Project Work

Food Chart

Make a food chart showing nutrients (Carbohydrates, Proteins, Fats, Vitamins, Minerals) and examples of food items rich in them.

Creative Science Model (Optional)

Create a 3D model showing the solar system or the water cycle using easily available materials.

2.. Science Quiz

Prepare answers to 10 quiz questions:

1. Name the closest planet to the Sun.
2. What is photosynthesis?
3. Define herbivores and give two examples.
4. What is the main source of energy for the Earth?
5. What are the three states of matter?
6. Name two natural fibres.

7. What is the function of the root in a plant?
8. Why is water important for living beings?
9. Give two examples of energy sources.
10. Name two diseases caused by deficiency of vitamins.

3. Reading Assignment

Read any 1 science-related story or article (e.g., about space, inventions, or discoveries).

Write 5 new words you learned and their meanings.

4. Fun Activities

A. Craft: Reuse and Recycle

Create a useful item (e.g., pen holder, bird feeder) using waste materials like old bottles, newspapers, etc.

B. Science Cartoon or Poster

Draw a poster on "Save Water" or "Clean and Green Earth".

SUBJECT-SST

Activity Based questions:

Some of the important cities of this civilisation are marked in the map (Fig. 6.3) As a activity can you try to match these cities with the modern states or regions in the table given below?

HARAPPAN CITY	MODERN STATE/REGION
1.Dholavira	Punjab
2.Harappa	Gujarat
3.Kalibanga	Kalibanga
4.Mohenjo-daro	Mohenjo-daro
5.Rakhigarihi	Rajasthan

In What type of landform is your town/village/city located? Which features mentioned in chapter-‘Landforms and Life’ do you see around you?

Let us go back to our initial trip from Chhota Nagpur to Prayagraj and Almora. Describe the three landforms you came across on the way?

Give the full form of : (a) F.A.I.L (b) E.N.D (c) N.O. according to chapter 'Governance'?

Let us imagine a Harappan man or woman being transported to an average kitchen in today's India. What are the four or five biggest surprises awaiting them?.

SUBJECT -SANSKRIT

प्रश्न 1. -पाठस्य कोऽपि पञ्च श्लोक लिखत 'पृथिव्यां त्रीणि रत्नानि '

प्रश्न 2. - शब्दस्य शब्द रूप लिखत' बालक '

प्रश्न 3.) चित्र वर्णा सहित रचयत्। :पाठस्य कोऽपि एक ' त्वम् आपणं गच्छ'A 4sheet (

(Subject enrichment activitie)

SUBJECT -ENGLISH

Collect pictures of various art forms of India and paste them. Explain briefly.

Kendriya Vidyalaya Golden Rock (SR) Trichy-04

Winter Break Holiday Home-Work

Session (2024-25)

Class 7

Activity Based questions: (do in A4 sheets.)

Social science

1. Plot the location of the tribes mentioned in chapter- Tribe, Nomads and settled communities on a map. For any two, discuss whether their mode of livelihood was suited to the geography and the environment of the area where they lived.
2. The period after the 13th century saw a new wave of the bhakti movement in North India. Mention any four leaders of these movement and their Practices?
3. Choose one state each from North, west, South, and central India. For each of these prepare a list of foods that are commonly consumed highlighting any differences and similarities that you notice.
4. Describe the most important feature of the culture of your region, focusing on buildings, performing arts and paintings.
5. Match the Columns.

	Column A	Column B
(a)	Anantavarman	(i) Kerala
(b)	Jagannatha	(ii) Bengal
(c)	Mahodayapuram	(iii) Orissa
(d)	Lilatilakam	(iv) Kangra
(e)	Mangalakavya	(v) Puri
(f)	Miniature	(vi) Kerala

Hindi

1. वीर कुंवर सिंह का पढ़ने के साथ-साथ कुश्ती और घुड़ सवारी में अधिक मन लगता था आपको पढ़ने के अलावा और किन-किन गतिविधियों या कामों में खूब मजा आता है लिखिए
2. मेरा भक्ति काल की प्रसिद्ध कवियों कवित्री थी इस काल के दूसरे कवियों के नाम की सूची बनाइए तथा उनकी एक-एक रचना का नाम लिखिए
3. Learn and write the lesson in the class work note back side as a home test

Sanskrit

प्रश्न 1. ' विद्याधनम् ' पाठस्य श्लोक लिखत-

प्रश्न 2. कोऽपि एकः पत्र स्व प्राचार्या महोदया प्रति लिखत।

प्रश्न 3. स्व पाठ्यपुस्तकस्य कोऽपि एक चित्र दृष्ट्वा पञ्च वाक्यानि संस्कृत भाषायां ।

MATHS

NOTE: DO IT ON MATH NOTE

Q1.. Zero has Reciprocal.

Q2. Multiplicative identity of $\frac{5}{7}$ is

Q 3. Represent the following rational numbers on number line:

1. $\frac{3}{5}$ 2. $-\frac{9}{4}$

Q4. Insert 5 rational numbers between $\frac{1}{3}$ and $\frac{2}{3}$.

Q5. Write the additive inverse of each of following-

- (a) $\frac{4}{5}$ (b) $-\frac{8}{7}$

Q6. Write the following numbers in standard form- 1) 34500000 2) 24567.789

Q7. Which rational number is greater in $\frac{-3}{7}, \frac{-5}{9}$

Q8. Write four rational number equivalent to $\frac{-3}{7}$.

Q9. Simplify the followings

(i) $\frac{3}{4} + \frac{-2}{3} + \frac{1}{2}$ (ii) $(\frac{-9}{15} \div \frac{27}{60}) \times \frac{5}{16}$

Q10. Divide: (i) 0.058 by 100

(ii) 0.08085 by 0.35

Q11. Simplify

1) $2x(4-x)+3x(x+4)$

2) $x(x-5)+3x(3+4x)$

3) $4(2x-9)$

4) $4x(8x-6)+6$

Q12. Find value of expression at $x=2$

1) $2x(5x-20)$

2) $4x(5+7x)$

Q13. Find the perimeter and area of a square of side 14cm.

Q14. Find the perimeter and area of a rectangle of length 12cm and breadth 10cm.

Q15. Find the circumference of a circle of radius 8cm.

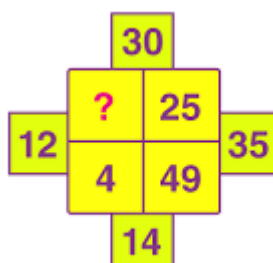
Q16. Find the area of a circle of radius 12cm.

Q17. If the radius of a circle is 25cm, what will be its diameter?

Q18. If the diameter of a circle is 24cm, what will be its radius ?

Q19. Ramesh has taken 5 rounds of a circular park of diameter 12cm, how much distance he has covered ?

Q20. Find the missing number:



ENGLISH

Q. Draw the National war Memorial, along with the 4 chakras. Name them and denote what they stand for.

SCIENCE

1. Research-Based Assignment

Topic: Natural Resources

Write about the importance of any one natural resource: Water, Soil, Forests, or Minerals.

Include:

Definition and examples

Why it is important for life

How we can conserve it

Draw diagrams or paste pictures related to the resource.

2. Practical Activity

Activity: Germination of Seeds

Take any seeds (e.g., beans, peas, or mustard) and grow them at home.

Steps to follow:

Soak seeds in water for 6-8 hours.

Plant them in a small pot with soil.

Water them daily and observe the growth.

Record your observations:

Day-by-day changes in the plant.

Draw the different growth stages of the plant.

3. Creative Work

Topic: Human Digestive System

Draw a large, colorful diagram of the Human Digestive System.

Label all parts (e.g., mouth, esophagus, stomach, intestines, liver, etc.).

Write short notes about the function of any 3 major parts.

4. Revision Assignment

Revise the following topics from your textbook and solve:

10 questions on Physical and Chemical Changes

5 questions on Acids, Bases, and Salts

5 questions on Respiration in Organisms

5. Fun with Science

Research and write answers to the following:

1. What is the hardest substance in the human body?

2. What gas do plants release during photosynthesis?

3. Name the largest planet in the solar system.

4. What is the boiling point of water?

5. Which vitamin do we get from sunlight?

This holiday homework will help you revise important concepts while also exploring and having fun with science! Enjoy your winter break!

KENDRIYA VIDYALAYA GOLDEN ROCK TRICHY
WINTER BREAK HOLIDAYS HOMEWORK (2023-24)

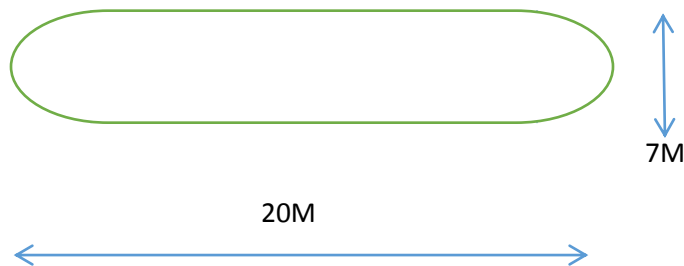
CLASS: VIII

SUBJECT: MATH

Revise the chapter related to PT -2

Solve all the following questions in Maths Fair Notebook neatly and properly :

- Q1 The shape of a garden is rectangular in the middle and semi circular at the ends as shown in the diagram. Find the area and the perimeter of this garden [Length of rectangle is $20 - (3.5 + 3.5)$ metres].

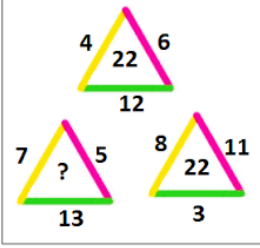


- Q2 Find the area of a rhombus whose side is 5 cm and whose altitude is 4.8 cm. If one of its diagonals is 8 cm long, find the length of the other diagonal.
- Q3 The floor of a building consists of 3000 tiles which are rhombus shaped and each of its diagonals are 45 cm and 30 cm in length. Find the total cost of polishing the floor, if the cost per is RS.4.
- Q4 Find the side of a cube whose surface area is 600 c
- Q5 The lateral surface area of a hollow cylinder is 4224 c . It is cut along its height and formed a rectangular sheet of width 33 cm. Find the perimeter of rectangular sheet?
- Q6 Find the height of a cuboid whose base area is 180 c and volume is 900 c?
- Q7 A cuboid is of dimensions 60 cm \times 54 cm \times 30 cm. How many small cubes with side 6 cm can be placed in the given cuboid?
- Q8 Find the value of m for which $\div =$.

Q9 Express the following numbers in usual/ Standard form.

- 1) $3.02 \times$ 2) 0.00000000345
3) 8758000000000 4) $4.5 \times$

10. Find the missing number:



NOTE: DO IT ON MATH NOTE

SUBJECT: SANSKRIT

प्रश्न 1. ' नीतिनवनीतम् ' पाठस्य कोऽपि पञ्च श्लोक लिखत-

प्रश्न 2. कोऽपि एकः पत्र स्व प्राचार्या महोदया प्रति लिखत।

प्रश्न 3. ' पर्यावरण संरक्षण ' विषय सचित्र स्व विचार लिखत। (A4 sheet)

(Subject enrichment activitie)

SUBJECT: SOCIAL SCIENCE

Activity Based questions:

1 . Discuss 'The Scheduled Caste and the Scheduled Tribes (Prevention of Atrocities) Act 1989'.

2. What did the Supreme Court do on hearing their case in 2005?

3. Why did the Safai Karmachari Andolan file a PIL in 2003? What did they complain about in their petition?

4. What do you mean by 'stereotyping'? Is it good or bad? Why?
5. What were the differences between the Orientalists and the Anglicists?
6. What measures were undertaken by the company to improve the system of vernacular education?

SUBJECT: HINDI

1 अपने घर या कक्षा की किसी पुरानी चीज़ के बारे में ऐसे ही कोई मजेदार कहानी बनाइए

2 मित्रता और उसकी संबंधी दोहे का संकलन कीजिए

Learn and write the lessons in the class work note back side as a home test

SUBJECT: ENGLISH

I Fill in the blanks with suitable prepositions

1. The public are cautioned pickpockets by speaker announcements.
2. You boys must settle it ---- yourselves.
3. The exercise was written me a Camlin pen I
4. I shall do it with pleasure.
5. Thank you very much (to/for/about) your help.
6. It shouldn't take long to repair your watch. come back (after/in/about) half an hour and I'll have it ready for you.

III Fill in the blanks with suitable gerunds.

1. Shivani likebananas.

2. I like..... The Ramayana.

3. She began..... rapidly.

4. I missed..... her.

5. Carand weight..... are my hobbies.

SUBJECT: SCIENCE

1. Research and Write (Theory and Creativity):

Food and Nutrition (Health Project):

Prepare a table showing essential nutrients (carbohydrates, proteins, fats, vitamins, minerals, and water).

List examples of foods rich in each nutrient.

2. Fun and Creative Activities:

1. Science Scrapbook:

Collect newspaper or magazine articles about recent scientific innovations, space exploration, or environmental issues.

Paste and explain them briefly in a scrapbook.

2. Poster Making:

Create a colorful poster on "Save the Environment" or "The Importance of Science in Our Lives."

3. Questions and Revision (Self-Study):

1. Solve 20 multiple-choice questions (MCQs) based on the topics covered so far in class.

Include topics like light, forces and pressure, cells, and microorganisms.

2. Prepare 5 short-answer questions and 5 long-answer questions on:

Types of Forces (Contact and Non-contact)

Sound

4. Critical Thinking (Challenges):

1. Write a paragraph: "How Science Has Changed Our Daily Lives."

2. Think and answer: "If you could invent a new device or technology to help the planet, what would it be and why?"

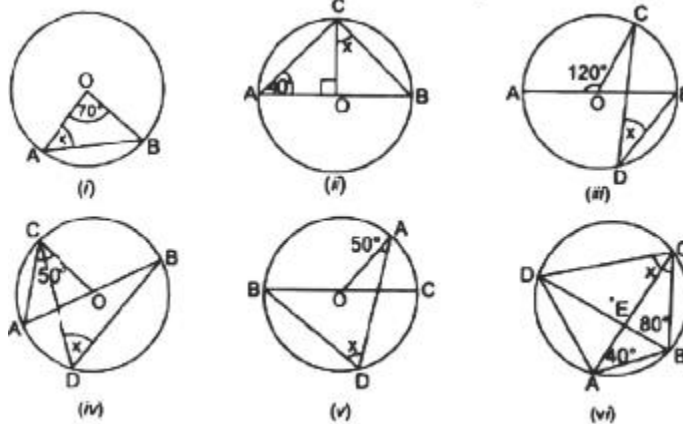
Kendriya Vidyalaya Golden Rock (SR) Trichy-04

WinterBreak Holiday Home-Work

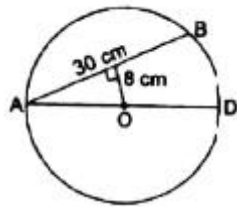
Session (2024-25)

**KENDRIYA VIDYALAYA GOLDEN ROCK TRICHY
WINTER BREAK HOLIDAY HOMEWORK
CLASS- IX SUBJECT- MATHS**

1. If O be the centre of the circle, find the value of x in each of the following figures.

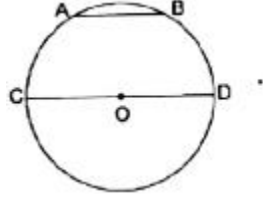


2. AD is a diameter of a circle and AB is a chord. If AB = 30 cm and its perpendicular distance from the centre of the circle is 8 cm, then what is the length of the diameter AD?



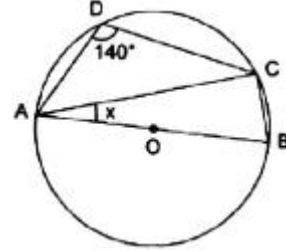
3. A circle of 30 cm diameter has a 24 cm chord. What is the distance of the chord from the centre?
4. A chord AB of a circle with centre O is 10 cm. If the chord is 12 cm away from the centre, then what is the radius of the circle?
5. If the diameter AD of a circle is 34 cm and the length of a chord AB is 30 cm. What is the distance of AB from the centre?
6. What is the length of a chord which is at a distance of 4 cm from the centre of a circle of radius 5 cm?
7. If the radius of a circle is 13 cm and the length of its chord is 10 cm then what is the distance of chord from the centre?
8. If the distance of 10 cm long chord from the centre of the circle is 12 cm then what is the diameter of the circle?

9. In the figure. AB and CD are two chords of a circle with centre O, such that C, O, D are collinear and $AB = \frac{1}{3}CD$. If AB = 3 cm, then what is the radius of the circle?



10. In the figure, O is the centre of the circle. If $\angle ADC = 140^\circ$, then what is the value of x?

- (i) 45°
- (ii) 55°
- (iii) 60°
- (iv) 45°



- 11. find the surface area and volume of a sphere of radius 7cm.
- 12. Find the surface area and volume of a hemisphere of diameter 16 cm.
- 13. Find the total surface area of a cone of radius 6cm and height 10cm.

NOTE: DO IT ON MATH NOTE

हिन्दी

1 वर्षा के आने पर अपने आसपास के वातावरण में हुए परिवर्तनों को ध्यान से देखकर एक अनुच्छेद लिखिए
 2 महादेवी वर्मा को काव्य प्रतियोगिता में चांदी का कटोरा मिला था अनुमान लगाइए कि आपको इस तरह का कोई पुरस्कार मिला हो और वह देशहित में या किसी आपदा निवारण के काम में देना पड़े तो आप कैसा अनुभव करेंगे/ करेंगी?

Learn and write the lesson in the class work note back side as a home test

मेघ आए ग्राम

कैदी और कोकिला

मेरे बचपन के दिन

प्रेमचंद के फटेजूते

Social science

Activity Based questions:

1. Find out which songs, dances, festivals and special food preparations are associated with certain seasons in your region. Do they have some commonality with other regions of India?

2. Give reasons as to why.

(i) Seasonal reversal of wind direction takes place over the Indian subcontinent?

(ii) The Tamil Nadu coast receives winter rainfall.

(iii) The delta region of the eastern coast is frequently struck by cyclones.

(iv) Parts of Rajasthan, Gujarat and the leeward side of the Western Ghats are drought-prone.

3. MAP SKILLS:-

On an outline map of India, show the following.

(i) Areas receiving rainfall over 400 cm.

(ii) Areas receiving less than 20 cm of rainfall.

(iii) The direction of the south-west monsoon over India.

(iv) On an outline map of India mark and label the following rivers: Ganga, Satluj, Damodar, Krishna, Narmada, Tapi, Mahanadi, and Brahmaputra.

(v) On an outline map of India mark and label the following lakes: Chilika, Sambhar, Wular, Pulicat, Kolleru.

(vi) Nagarjuna Sagar is a river valley project. Name the river?

(vii) The longest river of India.

(viii) The river which originates from a place known as Beas Kund.

(ix) The river which rises in the Betul district of MP and flows westwards.

(x) The river which was known as the “Sorrow” of West Bengal.

(xi) The river on which the reservoir for Indira Gandhi Canal has been built.

(xii) The river whose source lies near Rohtang Pass.

(xiv) The longest river of Peninsular India?

Down

(xv) A tributary of Indus originating from Himachal Pradesh.

(xvi) The river flowing through fault, drains into the Arabian Sea.

(xvii) A river of south India, which receives rainwater both in summer and winter.

(xviii) A river which flows through Ladakh, Gilgit and Pakistan.

(xix) An important river of the Indian desert.

(xx) The river which joins Chenab in Pakistan.

(xxi) A river which rises at Yamunotri glacier

SANSKRIT

छुट्टी का गृह कार्य

प्रश्न 1. 'भारतेनास्ति मे जीवनं जीवननम्' पाठस्य कोऽपि पञ्च श्लोक लिखत-

प्रश्न 2. कोऽपि एकः पत्रस्वमित्रस्य प्रतिलिखत।

प्रश्न 3 प्रश्न 2. स्वपाठ्यपुस्तकस्य कोऽपि एकचित्रदृष्टवापञ्चवाक्यानि संस्कृतभाषायां

रचयत्। A4 sheet (Subject enrichment activities)

ENGLISH

I CHOOSE THE OPTIONS FROM THE BRACKETS.

1. Murty is _____ Old

Friend of mine. (an/a)

2. I had _____ weird day Yesterday.

II Write the correct Modal Verb

1. The doctor ----- like to examine you.

2. How _____ you like your Pizza base?

3. Did someone say something? _____

III Use suitable verb forms

1. The plants _____ on their own axis. (rotate/rotates)

2. The horse and carriage _____ arrived.

_____ we wear our I.d cards. (has/have)

3. The girls _____ quite early (arrive, arrived).

4. _____ the door .(close,closes)

Use of prepositions

1. The cat is lying _____ the bed.

2. I would _____ the street.

3. Sanju will be sitting _____ you and Raswanth.

4. The students were asked to assemble _____ the auditorium _____ 11 a.m.

Use of Punctuation: Rewrite

1. mahesh is my uncle

2. the taj mahal, is one of the wonders of the world

3. What is the time ?

4. my brother and i are going to purchase some clothes

5. she said i am going to Paris for the holidays