



MGD GIRLS' SCHOOL, JAIPUR
HOLIDAY ASSIGNMENT
CLASS – 7
SESSION 2024-2025

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SUBJECT-ENGLISH

Q1. Imagine you are planning a vacation to Mars. Identify at least five characteristics or features of Mars that are different from Earth and illustrate these five unique aspects of Mars.

(Refer to English Coursebook page 51)

Instructions:

1. Research Mars using available resources such as books, websites, or documentaries.
2. Identify **at least five distinct features or characteristics** of Mars that you believe do not exist on Earth.
3. Create illustrations or paste pictures that depict each of these five features.
4. Compile your findings and illustrations neatly in the **portfolio file**.

GRAMMAR

Q2. Learn the three forms of the verbs given below and write it on A-4 sized sheet to be attached in the portfolio..

I. LIST OF STRONG VERBS

Study carefully the three forms of the Verbs given below :—

Present	Past	Past Participle
Arise	arose	arisen
Awake	awoke	awoken
Bear (<i>produce</i>)	bore	born
Bear (<i>carry</i>)	bore	borne
Beat	beat	beaten
Become	became	become
Begin	began	begun
Behold	beheld	beheld
Bid	bade	bidden
	bid	bid
Bind	bound	bound
Bite	bit	bitten
Blow	blew	blown
Break	broke	broken
Choose	chose	chosen
Cling	clung	clung
Come	came	come
Crow	crew	
	crowed	crowed
Dig	dug	dug
Do	did	done
Draw	drew	drawn
Drink	drank	drunk
Drive	drove	driven

Present	Past	Past Participle
Eat	ate	eaten
Fall	fell	fallen
Fight	fought	fought
Find	found	found
Fling	flung	flung
Fly	flew	flown
Forget	forgot	forgotten
Forsake	forsook	forsaken
Freeze	froze	frozen
Get	got	got
Give	gave	given
Go	went	gone
Grind	ground	ground
Grow	grew	grown
Hang	hung	hung
Hide	hid	hidden
Hold	held	held
Know	knew	known
Lie	lay	lain
Ride	rode	ridden
Ring	rang	rung
Rise	rose	risen
Run	ran	run

Present	Past	Past Participle
See	saw	seen
Shake	shook	shaken
Shine	shone	shone
Shrink	shrank	shrunk
Sing	sang	sung
Sink	sank	sunk
Sit	sat	sat
Slay	slew	slain
Slide	slid	slid
Sling	slung	slung
Smite	smote	smitten
Speak	spoke	spoken
Spin	spun, span	spun
Spit	spat	spat
Spring	sprang	sprung
Stand	stood	stood
Steal	stole	stolen
Stick	stuck	stuck
Sting	stung	stung
Strike	struck	struck

Present	Past	Past Participle
String	strung	strung
Strive	strove	striven
Swear	swore	sworn
Swim	swam	swum
Swing	swung	swung
Take	took	taken
Tear	tore	torn
Thrive	throve, thrived	thriven, thrived
Throw	threw	thrown
Tread	trod	trodden
Wake	waked, woke	waked, woken
Wear	wore	worn
Weave	wove	woven
Win	won	won
Wind	wound	wound
Wring	wrung	wrung
Write	wrote	written

II. LIST OF WEAK VERBS

Study the following Weak Verbs :—

Present	Past	Past Participle
Bend	bent	bent
Beseech	besought	besought
Bleed	bled	bled
Breed	bred	bred
Bring	brought	brought
Build	built	built
Burn	burnt, burned	burnt, burned
Buy	bought	bought
Catch	caught	caught
Clothe	clothed	clothed
Creep	crept	crept
Curse	cursed	cursed
Dare	dared	dared
Deal	dealt	dealt
Deceive	deceived	deceived

Present	Past	Past Participle
Die	died	died
Dream	{dreamt dreamed	{dreamt dreamed
Dwell	dwelt	dwelt
Feed	fed	fed
Feel	felt	felt
Flee	fled	fled
Flow	flowed	flowed
Hang	hanged	hanged
Have	had	had
Hear	heard	heard
Keep	kept	kept
Kneel	knelt	knelt
Lay	laid	laid
Lead	led	led

Present	Past	Past Participle
Lean	{leaned leant	{leaned leant
Leap	{leapt leaped	{leapt leaped
Learn	{learned learnt	{learned learnt
Leave	left	left
Lend	lent	lent
Light	lighted, lit	lighted, lit
Throw	threw	thrown
Lie (<i>to speak falsely</i>)	lied	lied
Lose	lost	lost
Make	made	made
Mean	meant	meant
Meet	met	met
Melt	melted	melted
Pay	paid	paid
Prove	proved	proved
Raise	raised	raised
Rend	rent	rent
Say	said	said
Seek	sought	sought
Sell	sold	sold
Send	sent	sent
Sew	sewed	sewn, sewed
Shave	shaved	shaven

Present	Past	Past Participle
Shoot	shot	shot
Show	showed	shown
Sleep	slept	slept
Smell	smelt, smelled	smelt, smelled
Sow	sowed	sown, sowed
Speed	sped, speeded	sped, speeded
Spell	spelt, spelled	spelt, spelled
Spend	spent	spent
Spill	spilt, spilled	spilt, spilled
Strew	strewed	strewn, strewed
Sweep	swept	swept
Swell	swelled	swollen, swelled
Teach	taught	taught
Tell	told	told
Think	thought	thought
Travel	travelled	travelled
Weep	wept	wept
Wet	wetted	wetted
Work	{worked wrought	{worked wrought

III. FORMS OF SOME VERBS

The Simple Past Tense of some irregular verbs does not change.

Present	Past	Past Participle
Bet	bet	bet
Burst	burst	burst
Cast	cast	cast
Cost	cost	cost
Cut	cut	cut
Hit	hit	hit
Hurt	hurt	hurt
Let	let	let
Put	put	put

Present	Past	Past Participle
Read	read	read
Rid	rid	rid
Set	set	set
Shed	shed	shed
Shut	shut	shut
Split	split	split
Spread	spread	spread
Thrust	thrust	thrust

SUBJECT-HINDI

निर्देश –

सभी प्रश्नों के उत्तर निर्देशानुसार नोटबुक/फोल्डर/पोर्टफोलियो में दें।

ग्रीष्मावकाश गृहकार्य

1. स्वतंत्रता या प्रकृति विषय पर स्वरचित कविता लिखें, इसे चित्रों से सुसज्जित करें। (पोर्टफोलियो)
2. संक्षिप्त महाभारत पढ़ें।
3. महाभारत की जिन दो घटनाओं ने आपको सर्वाधिक प्रभावित किया, उनके लिए संवाद लेखन करें। (पोर्टफोलियो)
4. पंचतंत्र की पाँच कहानियाँ पढ़ें, उनमें से किसी एक को अपने शब्दों में चित्रात्मक रूप से लिखें। (पोर्टफोलियो)
5. भारत के सभी राज्यों की भाषाएँ एवं उनकी लिपियाँ लिखें एवं याद करें। (अभ्यास पुस्तिका)

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## SUBJECT-SANSKRIT

निर्देश – सभी प्रश्नों के उत्तर निर्देशानुसार नोटबुक / रंगीन A4 शीट में दें |

1. श्रवण कौशल –

संस्कृत गीत गायन – संस्कृत प्रार्थना अथवा कोई भी दो श्लोकों का कण्ठस्थीकरण करें |

2. लेखन कौशल –

(i) रंगीन A4 शीट पर कुटुंब वृक्ष का (पोस्टर निर्माण) करें तथा परिवार के सदस्यों के नाम एवं उनसे संबंध संस्कृत भाषा में लिखें।

(ii) सूक्ति लेखन (अर्थ सहित) – कोई भी दो सूक्तियाँ अर्थ स्थित लिखें और सूक्तियों की पट्टिका निर्माण करें |

(iii) दैनिक जीवन में उपयोग में आने वाली किन्हीं दस वस्तुओं के नाम संस्कृत भाषा में लिखकर वर्ग पहेली का निर्माण करें |

3. वाचन कौशल –

(i) नैतिक मूल्यों से संबंधित कोई भी दो सूक्तियों का वाचन करें, यादकरें तथा अर्थ सहित पट्टिका का निर्माण करें |

(ii) पठन कार्य में प्रतिदिन एक संस्कृत कथा को पढ़ें तथा मनन करें।

## SUBJECT-FRENCH

Instructions-

Do all the work in notebook/folder/portfolio/scrapbook.

*“Availability of clean water and sanitation is fundamental and of utmost importance in the current scenario.”*

### ***Heading- Les Fleuves***

Rivers play an important role in providing clean water.

1. Write a few lines about 8 most famous rivers of France in French.
2. Find out which is the ***longest river*** of France and what is its route? In which cities it flows?

Also, Find out which is the river that flows through Paris and divides it into two parts.

Do the project on A-4 size coloured scrap file and paste pictures also.



*“Transportation plays a vital role in the economic growth of a country.”*

### ***Heading- Les Transports***

France has an extensive and well- developed transportation system.

1. Find out about 10 most preferred means of transport in France by all age groups.
2. Find out about- ***Le Train à Grande Vitesse*** or ***TGV***

Write 10 lines about it in French.

3. What is the route of ***TGV***? Find out and write which cities/places it connects?

Do the above project on A-4 size coloured scrap file and paste pictures also.



<https://lingua.com/french/reading/>

Do at least two unseen passages from the above shared link in your practice notebook.  
Your level of unseen passage is A1.

- Do revision of all the work done in the class.



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## SUBJECT-MATHS

- 1) Attempt all the activities in A4 size sheet.
- 2) Revise all the work done till now. Practice questions given in the end of the worksheet to be done in A4size sheet.
- 3) In case of any query contact your subject teacher.

### ACTIVITY – 1

Solve each problem and write the matching letter on the blank above the answer.

**N**  $\frac{3}{6} \times \frac{7}{20}$

**O**  $7 \div \frac{1}{12}$

**E**  $\frac{2}{3} \div \frac{5}{7}$

**U**  $3 \times \frac{2}{7}$

**Y**  $8 \div \frac{1}{2}$

**V**  $5 \times \frac{2}{10}$

**A**  $\frac{18}{10} \times \frac{3}{15}$

**D**  $\frac{6}{7} \div \frac{1}{4}$

**C**  $\frac{1}{2} \div \frac{1}{12}$

**G**  $\frac{8}{10} \times \frac{1}{5}$

**H**  $2 \times \frac{2}{10}$

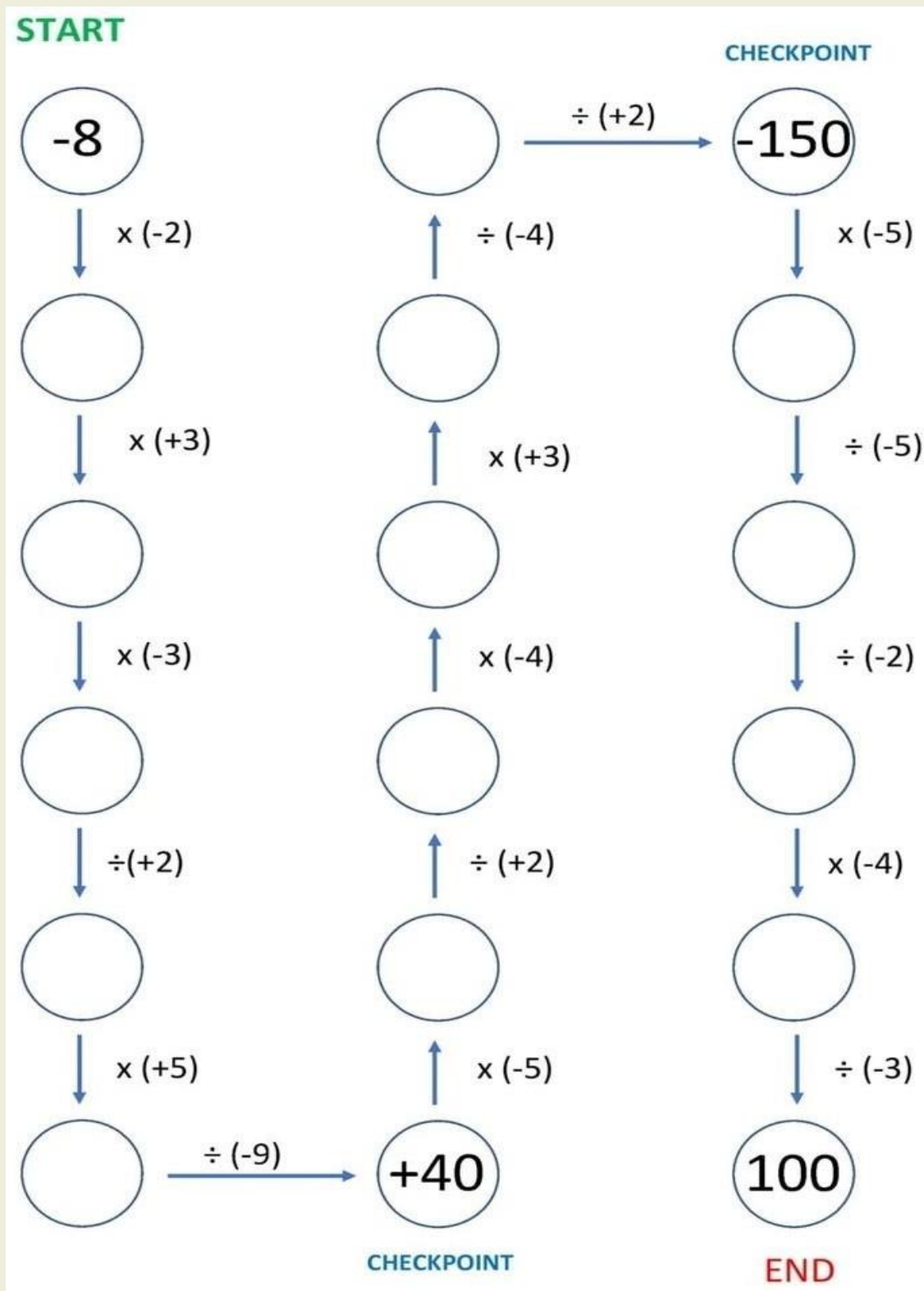
What did the dollar say to four quarters?

$\frac{\quad}{4}$      $\frac{\quad}{84}$      $\frac{\underline{6}}{7}$      $\frac{\underline{2}}{5}$      $\frac{\underline{9}}{25}$      $\frac{\quad}{1}$      $\frac{\underline{14}}{15}$

$\frac{\quad}{6}$      $\frac{\underline{2}}{5}$      $\frac{\underline{9}}{25}$      $\frac{\underline{7}}{40}$      $\frac{\underline{4}}{25}$      $\frac{\underline{14}}{15}$      $\frac{\underline{3}}{14}$



## ACTIVITY-2



### ACTIVITY – 3

Draw or paste pictures of flags from any 5 countries. The flags should be divided into 3 or more equal parts. Write down the fraction of each colour in the flag.

### ACTIVITY – 4

Make a rangoli design using geometrical shapes.

**Practice Questions based on Integers and Fractions:** (Do these questions in A4 size sheet)

1. Solve:  $(-5) + 31 - (-31)$
2. Fill in with  $\geq, \leq$  or  $=$  :  $4 - (-33) + 31$  \_\_\_\_\_  $(-4) + (-31) + 31$
3. Find the product :  $(-5) \times (-24) \times (30) \times (-1)$
4. Verify :  $18 \times [(-3) + (-7)] = [18 \times (-3)] + [18 \times (-7)]$
5. Solve : a)  $(-14) \div (2)$       b)  $0 \div (-3)$
6. Find the product:  $\frac{17}{9} \times 3\frac{2}{3} \times 5\frac{1}{2}$
7. Solve :  $\frac{13}{31} \div \frac{39}{41}$
8. What will be the sign of the product  $a \times b$  if –
  - i)  $a$  is the product of 5 positive integers and  $b$  is the product of 9 negative integers.
  - ii)  $a$  is the product of 6 positive integers and  $b$  is the product of 8 negative integers.
  - iii)  $a$  is positive and  $b$  is the product of 50 negative integers.
9. Write down a pair of integers whose:
  - a) Sum is 3.
  - b) Sum is 0.
  - c) Difference is 2.
  - d) Difference is 5.
10. In a class test containing 15 questions, 4 marks are given for every correct answer and  $(-1)$  marks are given for every incorrect answer.
  - i) Gokul attempts all questions but only 6 of his answers are correct. What is his total score?
  - ii) Neena gets 12 of her answers correct and remaining wrong. What will be her score?

## **SUBJECT: SCIENCE**

### **I. Do the following revision questions in the Science notebook .**

#### REVISION WORKSHEET

#### **1. MULTIPLE CHOICE QUESTIONS**

**(a) Which of these elements is needed in addition to carbon , hydrogen and oxygen to make proteins ?**

- (i) Calcium    (ii) Iron    (iii) Nitrogen    (iv) Potassium**

**(b) Read the terms given below carefully. Which of the following sets is the correct combination of organs that do not carry out any digestive functions?**

- (i) Oesophagus, Large intestine, Rectum**  
**(ii) Buccal cavity, Oesophagus, Rectum**  
**(iii) Buccal cavity. Oesophagus, Large intestine**  
**(iv) Small intestine, Large intestine. Rectum**

**(c) The swallowed food moves downwards in the alimentary canal because of**

- (i) force provided by the muscular tongue    (ii) the flow of water taken with the food**  
**(iii) gravitational pull    (iv) the contraction of muscles in the wall of food pipe**

**(d) The false feet of Amoeba are used for**

- (i) movement only    (ii) capture of food only**  
**(iii) capture of food and movement    (iv) exchange of gases only.**

**(e) Cud is the name given to the food of ruminants which is**

- (i) swallowed and undigested**  
**(ii) swallowed and partially digested**  
**(iii) properly chewed and partially digested**  
**(iv) properly chewed and completely digested.**

#### **2. FILL IN THE BLANKS**

**(a) Green plants are called \_\_\_\_\_ since they prepare their own food.**

**(b) \_\_\_\_\_ are an association between fungus and an algae.**

**(c) The living organisms on which parasites live are called \_\_\_\_\_ .**

**(d) The occurrence of photosynthesis is tested by the presence of \_\_\_\_\_ in the leaf.**

**(e) Digestion of food starts in \_\_\_\_\_ and gets completed in \_\_\_\_\_.**

**(f) \_\_\_\_\_ is the largest gland in the human body.**

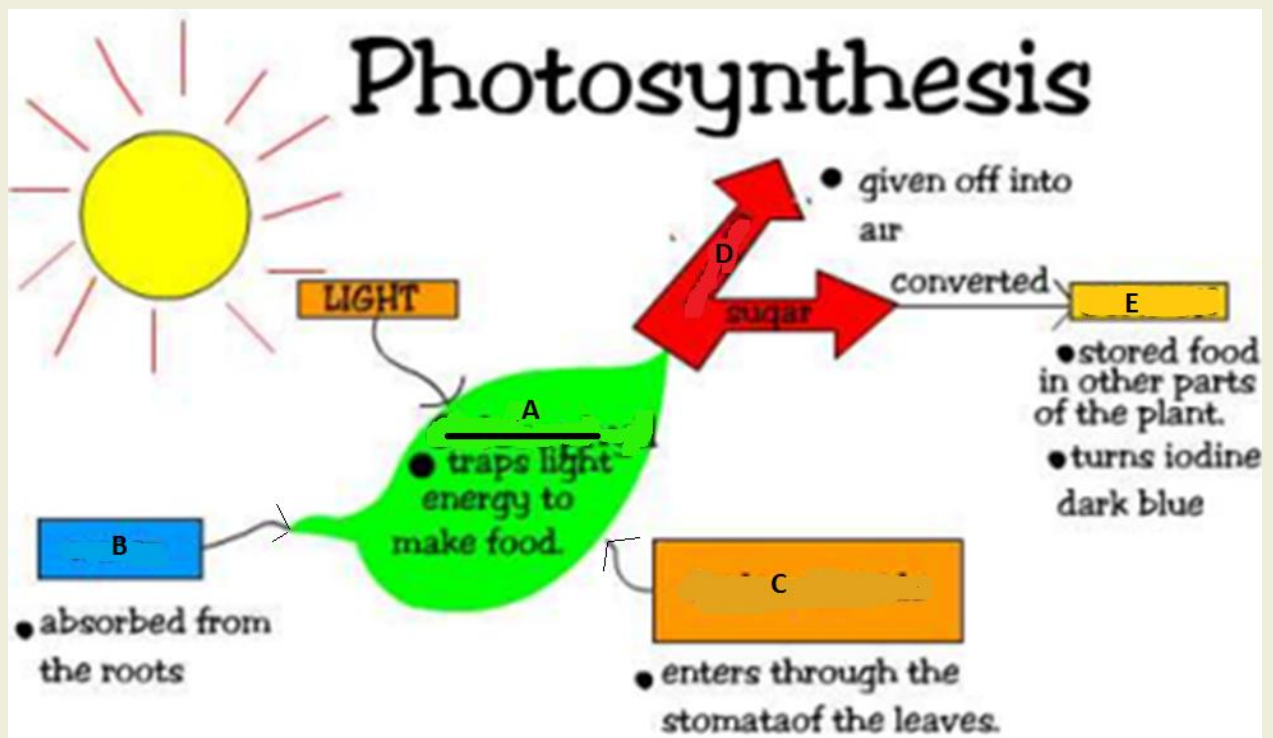
**(g) The process in which complex food is broken down into simple, water soluble substances is called \_\_\_\_\_**

**(h) Alimentary canal and \_\_\_\_\_ together constitute the human digestive system.**

**(i) The set of teeth that grows during infancy are called \_\_\_\_\_**

**(j) \_\_\_\_\_ are finger like outgrowth in inner walls of small intestine.**

**3. Identify A, B , C , D and E in the following diagram which describes the process of photosynthesis.**



4. Mention the function of each mentioned below in relation with digestion of food in human beings:

1. Saliva
2. Bile
3. Mucus

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**II. Collect 6-8 newspaper articles related to Science and Technology during the summer vacation and paste them on A4 size sheets . The submission of these sheets should be done along with a colourful and striking cover page kept in a file .**

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### III. SURVEY

**There is no denying the fact that the water sources at our disposal are under severe strain as water is becoming scarce. Considering the fact that most water sources are getting contaminated easily, having a water purifier at home is necessary.**

**Conduct a survey in a locality (any 3 houses) about the availability of water in their society , if they are using a water purifier (Reverse Osmosis {RO} or any other water filter ) , the TDS (total dissolved solids ) in the region , the wastage of water per day while using RO.**

**Record the information for each house surveyed on A 4 size sheets in the following manner :**

#### SURVEY REPORT

(i) **DATE :**

(ii) **NAME OF LOCALITY :**

(iii) **WATER FILTER USED : \_\_\_\_\_**

(iv) **TDS : \_\_\_\_\_**



(v) WASTAGE OF WATER FROM RO PER DAY (approx.) : \_\_\_\_\_

(vi) ARE THEY AWARE OF AMOUNT OF WATER BEING WASTED BY RO ? YES / NO

(vii) ARE THEY AWARE OF TDS ? YES / NO

(viii) IS THERE WATER SCARCITY IN THE AREA ? : YES / NO

(ix) METHODS BEING USED TO CONSERVE WATER :

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

The survey sheets should be compiled and kept in a file for submission.

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## SUBJECT-SOCIAL SCIENCE

1. On the political map of india, locate and label the states and the capital.
2. On the physical map of world mark the continents and ocean.
3. Draw a poster on Equality
4. Make a Collage on different stone ages.

## SUBJECT- COMPUTER SCIENCE

### To be done in Computer Science Notebook

1. Convert the following Decimal numbers to their Binary equivalents:

- a) 15                      b) 100                      c) 24                      d) 532

2. Convert the following Binary numbers to their Decimal equivalents:

- a) 10101010   b) 11101100                      c) 10000001                      d) 10001111

3. Convert the following Octal numbers to their Decimal equivalents:

- a) 128                      b) 147                      c) 457                      d) 123

4. Convert the following Hexadecimal numbers to their Decimal equivalents:

- a) B3AD                      b) 3FF                      c) 36C9                      d) 45E

**5. Define the Base or Radix of a number system.**

**6. Paste a picture of Great Indian Mathematician Aryabhatt and write 5 lines about him.**

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SUBJECT: ART

Art: Nature composition on sheet (watercolour/ poster colour)
Clay modeling: Small relief containers

SUBJECT: BHARATNATYAM

- 1. Write about the origin of dance in your notebook.**
 - 2. Prepare a western dance choreography on any song of your choice.**
- The time duration should be 1-2 minutes.**

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**SUBJECT : KATHAK**

**Prepare one Western dance**

\_\_\_\_\_

## SUBJECT-VOCAL MUSIC

### Instructions:

1. In your music notebook, write down these:
  - Alankaars 1 to 5
  - Definitions- Alankaar, sangeet, taal
  - Taal- Dadra, kehrwa, teen taal
  - Prayers- humko mann ki Shakti dena, yeh mat kahokhuda se
  - Songs- tu zinda hai tu zindagi ki jeet par yakeen kar, dharti ki shaan
  - School prayer- I would be true
  - School song- Oh come let's sing of MGD
  - National song- Vande matram
  - National anthem
2. Learn and practise all songs and prayers.
3. I will check the notebooks once the school reopens.

## SUBJECT : INSTRUMENTAL MUSIC (TABLA)

- Practice the following “taal” and “palte”

(i) ताल

1. ताल तीनताल

धा धिन धिन धा । धा धिन धिन धा

\* 2

धा तिन तिन ता । ता धिन धिन धा

0 3

2. ताल कहरवा

धा गे ना ती । ना क धी ना

\* 0

3. ताल दादरा

धा धी ना । धा ती ना

\* 0

4. तालरूपक

तीन तीन ना । धिन ना । धिन ना

0 2 3

5. कायदातीनताल

धा धा तीट । धा धा तिन ना  
ता ता तीट । धा धा तिन ना

(ii) पलटे

1. धा धा ती ट । धा धा ती ट  
धा धा ती ट । धा धा तिन ना  
ता ता ती ट । ता ता ती ट  
धा धा ती ट । धा धा तिन ना

2. धा ती ट धा । ती ट धा धा  
धा धा ती ट । धा धा तू न  
ता ती ट ता । ती ट ता ता  
धा धा ती ट । धा धा तू ना

3. धा धा धा धा । ती ट ती ट  
धा धा ती ट । धा धा ती ना  
ता ता ता ता । ती ट ती ट  
धा धा ती ट । धा धा ती ना

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SUBJECT-NEEDLE WORK

Prepare 4 embroidered handkerchiefs
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**SUBJECT-YOGA**

1. Om chanting-9 times
2. Spot jogging – 1 minute
3. Neck exercises, shoulder rotation, simple leg bending from knee 4 . Forward-backward bending
5. Spinal Twisting
6. Paschimotanasan-30 seconds
7. Dhanurasan- 15 seconds
- 8.Pawanmuktasan-30 seconds
9. Shavasana-2 minutes
10. Bhastrika pranayama- 1-2 minutes ( deep breathing little fast)
- 11.Kapalbhati- 50 strokes
12. Anulom-vilom-5 minutes
13. Bhramari Pranayama- 5 times

14.Meditation ( concentrate and feel your natural breathing)

15. Laughing exercise.

\* Drink water in a sufficient amount

\* Don't stress

\* Pray God to keep this universe Happy and Healthy \*Put water for birds at your home

\*Obey Elders



\*Before getting down from bed do little exercise of your legs which are asked you during Yoga sessions.

\* Don't watch TV while eating

\*Chew your food properly

\*Promote health, hygiene and cleanliness \*Take sufficient sleep and on right time. \*Keep smiling and be positive

\*Learn something new

\*Read newspaper and story books

Enjoy your Holidays.

Spend or waste your time wisely.

Thank you

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