



# DAV PUBLIC SCHOOL DLF & KN , ROHTAK

## SUMMER VACATION HOMEWORK

Session (2023-24)

Class 6

**" Summer is the annual permission slip to be lazy. To do nothing and have it count for something. To lie in the grass and count the stars. To sit on a branch and study the clouds."**

Dear students,

Summer vacation is the time that we all eagerly wait for. We all make plans to enjoy, to relax and to empower ourselves during these gala days. These days are precious and valuable and can be made most from it, if judiciously used.

So, let us think about creating "Green Holidays" this year!!!

Whether at home or on the go sustainable vacation is much easier than one might think.

**Easy ways to adopt a more eco- friendly summer.**

- Water the plants and rejoice the beauty of nature.
- Minimize the use of gadgets.
- Have a green picnic and eat locally.
- Use a Reusable Water Bottle.
- Appreciate nature and go for "Nature Walks", plant trees and spread the message of "Nature Conservation".
- Be a wonderful human being. Pray to the almighty for the blissful life.
- Be a helping hand to your parents , grandparents and spend time with them.
- Follow a schedule during holidays. Be a good time manager.



**happy  
holidays!**



### Activity 1

Books are tools to expand and exercise the mind. Good books help to discover oneself. Read any one from the suggested books listed below and write a review. Your REVIEW must include the following.

- Character sketch of protagonist.
- Message conveyed through the book.
- Did you learn anything from the book? If yes, what was it? Would you recommend these books to others?

Suggested books--

- 1.(UNDER THE BANYAN TREE AND OTHER STORIES- R K Narayan)
- 2.(THE HAPPY PRINCE -Oscar Wilde)

### Activity 2

Unlike a text message or a phone call, a letter is a tangible piece of communication. We can read them over and over again without the fear of them being deleted. Grab a pen and your notebook and write the letters given in the attached worksheets.

### Activity 3

Reading is like breathing in, Writing is like breathing out.

“Just write every day of your life. Read intensely, then see what happens!”

The time to begin writing articles based on the thematic content of your English Reader. The topics are given in the worksheets.

### Activity 4

Integrated Grammar is a unique and an authentic approach because it implements the pre-while and post-stages. The topics included in class 6 integrated grammar are Gap Filling Exercise, Editing Errors/Omission, Do as Directed, Reordering. Do the given worksheets to practice integrated grammar.

### Activity 5

Global Comprehension of the Prescribed texts of Term 1.

Read the chapters My Experiments with Truth and Today and Tomorrow of English Reader and write diary entry imagining yourself as the main characters. Read the poem *Leisure* and write a short summary, all the poetic devices and rhyming words used in the poem.

## WORK SHEET 1 (Writing)

### Q1 Informal Letters

1. Write a letter to your friend for inviting him/her to spend summer vacation with you.
2. Write a letter to your younger brother wishing him on his birthday
3. Last year you went to National Park with your friend. Write a letter to your cousin describing him/her the satisfaction you derived from watching them.
4. Your school has scheduled a Summer Camp. Write a letter to your father seeking permission to join Summer Camp.

### Q2. Article Writing

1. Setting your goals helps you to channelize your efforts properly and live a happy and successful life. Write an article on "Setting a goal for better life".
2. Heal the Earth, Heal Ourselves. Write an article on the topic "Heal the world – Need of the Hour."
3. Festivals bring us joy and happiness. In our society there are many underprivileged children who cannot partake in festivals. Write an article on "The Joy of Giving".
4. Time management is the cornerstone of success. Write an article on the importance of "Time Management"
5. Write an article on the "Importance of Leisure time Activities".

## WORK SHEET 2 (Integrated Grammar)

The following passages have not been edited. There is one error in each line. Underline the error and write the correct word

- |  |  |
|--|--|
| 1. Latex was a natural polymer produced from rubber trees. It is collecting in pots that is nailed to the sides of some trees. It is used to made tough, waterproof items such as Wellington boots.  | <i>e.g. was .... is</i><br>(a) _____<br>(b) _____<br>(c) _____<br>(d) _____<br>(e) _____ |
| 2. Tide is an periodical rise and fall of sea due to attraction to a Moon and the Sun. Day in, day out, the rise and fall go on predictable yet on the same time mysterious. At one time in the day a sea is a long, long way out, leaving a huge expanse of sand. | <i>e.g. an a</i><br>(a) _____<br>(b) _____<br>(c) _____<br>(d) _____<br>(e) _____        |
| 3. Santoor is a instrument indigenous of Kashmir, but now-a-days played in the North. It is a hammered dulcimer which is struck from light wooden mallets. The number to strings may be as few as 24 or more or to 100.  | <i>e.g. a an</i><br>(a) _____<br>(b) _____<br>(c) _____<br>(d) _____<br>(e) _____        |

- |  |  |
|--|--|
| 4. Theophil Eshley was an artist of profession. He is very good at his work, and could painted any subject he could think from, but circumstances have forced him to specialise to pictures of cows.     | <i>e.g. of by</i><br>(a) _____<br>(b) _____<br>(c) _____<br>(d) _____<br>(e) _____ |
| 5. In 10 May, 1993, a young girl of Himachal Pradesh called Dicky Dolma sets a world record when she became the younger woman in the world to climbing the Everest! This record was set when she reaches | <i>e.g. In on</i><br>(a) _____<br>(b) _____<br>(c) _____<br>(d) _____<br>(e) _____ |



नोट:- हिंदी गृहकार्य के लिए अलग से एक कॉपी बना लीजिए और उसी में ही कार्य कीजिए।

1. ' साथी हाथ बढ़ाना ' कविता को सुंदर-सुंदर शब्दों में लिखें ।
2. 'ज्ञान सागर ' पुस्तक पाठ-2 जीवन -मूल्य के प्रश्न उत्तर लिखें ।
3. हमें जल जिन स्रोतों से प्राप्त होता है उनके चित्र कॉपी में ही बनाइए।
4. जल संरक्षण पर अनुच्छेद और दो स्लोगन लिखें ।
5. अभ्यास सागर पृष्ठ नंबर 13 पर दिए गए पत्र को लिखें और याद कीजिए ।
- 6 . अभ्यास सागर पाठ 3 के प्रश्न नंबर 7, 10, 11, 12 लिखिए ।
7. अभ्यास सागर पाठ 4 सर्वनाम की परिभाषा व भेद लिखिए व याद कीजिए ।
8. 1 से 100 तक गिनती शब्दों में लिखिए ।



1. Collect information about the artificial satellites (mention about any one) launched by India. Find out how it helps in the field of communication and weather forecasting.
2. List five ways in which your family, your school and your neighbourhood helps you. In return, what can you do for them?
3. Using best out of waste material such as paper, card board, aluminium foil etc, make 3D models of stone tools used in the past by early man.  
Also, use an A4 size sheet to write significance of the weapons made.
4. Prepare a project Report on any one of the following topics:  
Solar System Or Life of early man
5. Revise the covered syllabus.

## संस्कृत

1. संस्कृत सुरभि पाठ 1,2 पढ़े व पुस्तक का अभ्यास याद कीजिए।
2. शब्द रूप - लता , बालक , फल , तत् , किम् याद कीजिए।
3. धातु रूप - पा, दृश, गम्, अस्, वद् (लट्, लृट्, लङ्.) लकार में याद कीजिए।
4. गिनती 1 से 30 तक संस्कृत में याद कीजिए।

## नैतिक शिक्षा

- \* पाठ- 1 ' प्रार्थना ' (पेज -9)चार्ट पर लिख कर लाएँ।
- \* पाठ - 2 ,3 और 4 के प्रश्न उत्तर याद करें।
- \* पाठ - 1 से 4 तक अध्ययन करें तथा चारों पाठ में से 10-10 कठिन शब्द लिखें।
- \* आर्य समाज के दस नियम कापी में लिखें।



1. Complete book page no. 1 to 12.(Step by step)
2. Do practice of any 10 pages of your book in a separate drawing file.
3. Paint a beautiful scenery of your choice on a canvas sheet of A3 size.
4. Make a beautiful wall decor using waste material and newspaper.Linknis given below for help.

<https://youtube.com/shorts/k-TpW0x9nlg?feature=share>



**Instructions:** Revise Covered Syllabus . Do Assignment/Project in separate HHW notebook

Visit the following sites to enhance the mathematical skills,

- # <https://www.khanacademy.org>
- # <http://www.softschools.com/>
- # <http://www.mathopolis.com/>

**ASSIGNMENT -1** Take printout & paste in HHW notebook

**NAME :** \_\_\_\_\_ **CLASS & SEC :** \_\_\_\_\_ **ROLL NO.:** \_\_\_\_\_

### Project


Prachi and Sid have written their names on a square-lined paper as shown below. They have shaded the last letter of their names. The shaded boxes one above the other show the common multiples of 3 and 6.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
P	R	A	C	H	I	P	R	A	C	H	I	P	R	A	C	H	I	P	R	A	C	H	I
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
S	I	D	S	I	D	S	I	D	S	I	D	S	I	D	S	I	D	S	I	D	S	I	D

**Do a similar exercise with your name and any of your friend or family member's name**

## ASSIGNMENT -2 Take printout & paste in HHW notebook

NAME : \_\_\_\_\_ CLASS & SEC : \_\_\_\_\_ ROLL NO.: \_\_\_\_\_


**STEAM Connect**  **Maths and Technology**

**Background:** Robots are programmed using computer language called coding in order for them to follow instructions. Robots often need to be able to move about a space in order to perform their functions. For that they need to be programmed with directions—north, south, east, and west.

**Materials:** Pencil for shading



**Preparation:** Students may work independently after understanding the chart alongside.

**Procedure:** DOST the robot needs to be programmed to go from the orange square to the green square using a particular path. Fill in the squares on the grid following the programme given as sequence of letters.




a. Go south      b. Move 9 spaces  
c. Turn east      d. Move 7 spaces

a. Go west      b. Move 5 spaces  
c. Turn north      d. Move 5 spaces  
e. Turn west      f. Move 4 spaces



DOST is now moving about in a home. The grey portions show obstacles in its path. Write a programme giving it directions for the shortest path from the orange square to the green square.



**Extension**  
If you invent a robot, make a list of at least five things that you would program it to do to help people everywhere.

**ASSIGNMENT -3** Make a creative poster & Decorate it as instructed on a A4 size sheet.

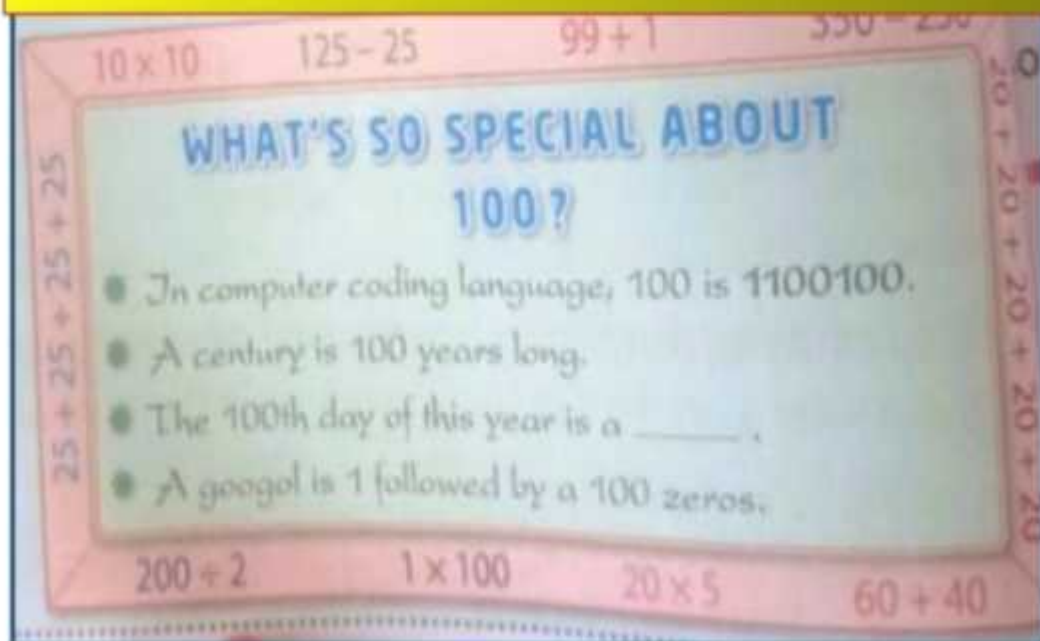
NAME : \_\_\_\_\_ CLASS & SEC : \_\_\_\_\_ ROLL NO.: \_\_\_\_\_

**CHOOSE A FAVOURITE NUMBER.**

Make a creative poster to describe that number.

Decorate your poster with a border showing different ways to make the number

See example given below ↓





**ASSIGNMENT - 4 Draw a simple Mandala Design on A4 size sheet & paste in HHW notebook**

**NAME : \_\_\_\_\_ CLASS & SEC : \_\_\_\_\_ ROLL NO. : \_\_\_\_\_**

## Mandala Art


**Maths and Art**


**Make Your Own Mandala Design**


Mandala comes from the Sanskrit word meaning 'circle'. It is a circular design used in many cultures around the world. The Tibetans, Mexicans, and Native Americans used it from ancient times. It is very popular in many Indian homes and often done as rangolis.


Draw a simple mandala design for a rangoli using your compass. Decorate the mandala.

**Tibetan mandala**

**a.**  Construct a circle. Select any point on the circumference of the circle.

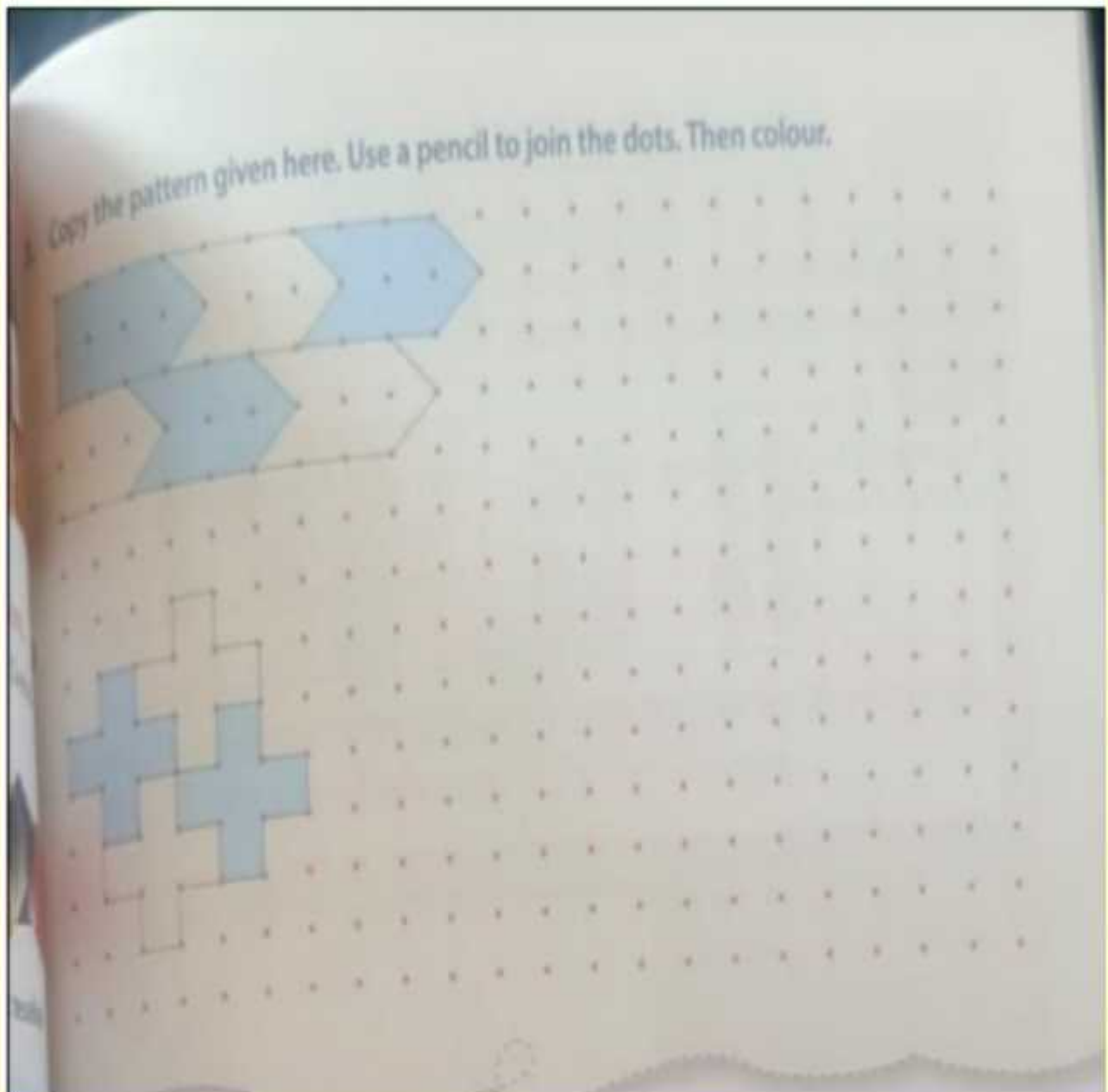
**b.**  Without changing your compass setting, swing an arc as shown.

**c.**  Swing an arc from each of the two new points on the circle.

**d.**  Continue swinging arcs from all the new points created till the pattern is complete. Decorate your mandala.

**ASSIGNMENT - 5** Take printout & Complete the Pattern & paste in HHW notebook

NAME : \_\_\_\_\_ CLASS & SEC : \_\_\_\_\_ ROLL NO. : \_\_\_\_\_



1. Take a rectangle-shaped card paper.
2. Mark out a portion as shown with pencil.
3. Cut it and attach it to the opposite side without overlapping by using adhesive tape.
4. Now mark out another portion as shown.
5. Cut and attach to the opposite side.
6. Your basic stencil is ready. Use it to draw repeated shapes like this. Then fill in the details to make an interesting design.

M.C. Escher was a well-known Dutch artist who used tessellations to create beautiful designs. Find out more about his work.



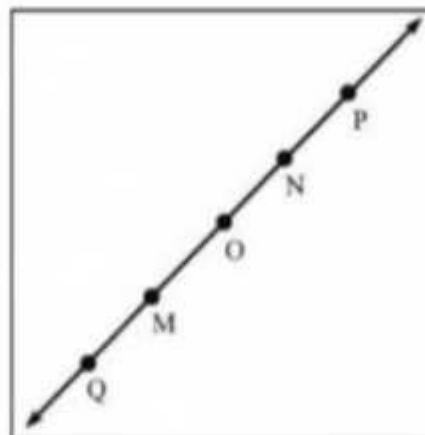
**ASSIGNMENT -7 Take printout & paste in HHW notebook**

**NAME : \_\_\_\_\_ CLASS & SEC : \_\_\_\_\_ ROLL NO.: \_\_\_\_\_**

**Q1. MCQ'S**

1. How many lines pass through one given point?  
(a) one (b) two (c) countless (d) none
2. How many lines pass through two given points?  
(a) one (b) two (c) many (d) none
3. The line segments forming a polygon are called .....  
(a) vertex (b) sides (c) angle (d) curve
4. Two distinct lines meeting at a point are called .....  
(a) collinear lines (b) intersecting lines (c) parallel lines (d) none of these
5. An angle is made up of two ..... starting from common end point.  
(a) vertex (b) lines (c) rays (d) line segments
6. A flat surface which extends indefinitely in all directions is called .....  
(a) line (b) line segments (c) plane (d) point

**Q2. State True or False :**



**ASSIGNMENT -7 Contd. Take printout & paste in HHW notebook**

**NAME : \_\_\_\_\_ CLASS & SEC : \_\_\_\_\_ ROLL NO. : \_\_\_\_\_**

1. Q, M, O, N, P are points on the line MN.
  2. M, O, N are points on a line segment MN.
  2. M and N are end points of line segment MN.
  4. O and N are end points of line segment OP.
  5. M is one of the end points of line segment QO.
  6. M is point on ray OP.
  7. Ray OP is different from ray QP.
  8. Ray OP is same as ray OM.
  9. Ray OM is not opposite to ray OP.
  10. N is the initial point of NP and NM.
- Q3. State which of the following statements are true and which are false :
1. Point has a size because we can see it as a thick dot on paper.
  2. By lines in geometry, we mean only straight lines.
  3. Two lines in a plane always intersect in a point.
  4. Any plane through a vertical line is vertical.
  5. Any plane through a horizontal line is horizontal.

6. There cannot be a horizontal line in a vertical plane.

7. All lines in a horizontal plane are horizontal.

**ASSIGNMENT -7 Contd. Take printout & paste in HHW notebook**

**NAME : \_\_\_\_\_ CLASS & SEC : \_\_\_\_\_ ROLL NO. : \_\_\_\_\_**

8. Two lines in a plane always intersect in a point.

9. If two lines intersect at a point P, then P is called the point of concurrence of the two lines.

10. If two lines intersect at a point P, then P is called the point of intersection of the two lines.

11. If A, B, C and D are collinear points D, P and Q are collinear, then points A, B, C, D, P and Q are always collinear.

12. Two different lines can be drawn passing through two given points.

13. Through a given point only one line can be drawn.

14. Four points are collinear if any three of them lie on the same line.

15. The maximum number of points of intersection of three lines is three.

16. The maximum number of points of intersection of three lines is one.

**Q4. Fill in the blanks.**

a.  $120 \times (273 + 40) = \underline{\hspace{2cm}} + (120 \times 40)$

b.  $89 \times 12 = 12 \times (80 + \underline{\hspace{1cm}})$

**ASSIGNMENT -7 Contd. Take printout & paste in HHW notebook**

**NAME : \_\_\_\_\_ CLASS & SEC : \_\_\_\_\_ ROLL NO.: \_\_\_\_\_**

**Q5. Using distributive property, find the value of the following :**

- a.  $20 \times (928 + 857)$
- b.  $367 \times (1000 + 4)$
- c.  $849 \times (205 + 235)$

**Q6. Jiya distributes 32 boxes of sweets on her birthday in her class. Each box comprises of 10 candies and 2 small chocolate balls. Calculate the number of sweets in the 32 boxes.**

**Q7. A taxi driver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs Rs 44 per litre, how much did he spend in all on petrol?**

**Q8. A vendor supplies 32 litres of milk to a hotel in the morning and 68 litres of milk in the evening. If the milk costs Rs 15 per litre, how much money is due to the vendor per day?**

**Q9. Find using distributive property:**

- (a)  $728 \times 101$
- (b)  $5437 \times 1001$
- (c)  $824 \times 25$
- (d)  $4275 \times 125$
- (e)  $504 \times 35$



1. Make a model of blue bin and green bin to separate the biodegradable and non biodegradable waste
2. Read and revise ch 1,2,3
3. Prepare a chart showing the arrangement of particles in three states of matter ( you may also use thermocol or coloured balls )
  - ✓ Do page 16 and 33 in your book

#### SOIL EROSION MODEL

Soil erosion is a gradual process that occurs when the impact of water or wind detaches and removes soil particles, causing the soil to deteriorate. Soil deterioration and low water quality due to erosion and surface runoff have become severe problems worldwide. The problem may become so severe that the land can no longer be cultivated and must be abandoned. Let us understand soil erosion and its conservation through an engaging activity. This might look like such a simple experiment but it will definitely show the importance of having vegetation covering the soil to your kids! They will love this hands on experiment!

**WHAT YOU'LL NEED:** 6 empty coke bottles, thick cardboard, glue, scissors and cutter, string, soil from the garden and compost, 4 Seedlings, Mulch (bark chips, dead leaves and sticks), water

PROCEDURE:

#### **Step 1**

Prepare three of the coke bottles by cutting a rectangular hole roughly 7cm x 25cm along the side of the bottle (You can use a permanent marker to mark out the piece you want to cut out.)

#### **Step 2**

Stick the bottles to the cardboard with the glue making sure that the necks of the three bottles protrude a little over the edge of the board.





## Computer

❖ Read lesson 1,2 and learn 'Learn Do You Know'.

### Do the following tasks:-

Create a presentation on any topic by using Impress or M.S. Power Point.

- Benefits of daily exercise
- Importance of recycling.
- My family

Formatting features to be used:

- \*Pictures
- \*Animations
- \* Transition effects
- > Do typing practice daily.

Name: \_\_\_\_\_

Class: VI

Match the Logo with Name

YOUTUBE

WHATSAAP

PLAY STORE

MESSENGER

INSTAGRAM

GOOGLE

FACEBOOK

E-MAIL

DRIVE

CLASSROOM



Learn and write Abbreviations:

**Computer** = Commonly Operated Machine Particularly Used in Technical and Educational Research

**CPU** = Central Processing Unit

**RAM** = Random Access Memory

**ROM** = Read Only Memory

**PROM** = Programmable Read Only Memory

**HDD** = Hard Disk Drive

**FDD** = Floppy Disk Drive

**I/O** = Input & Output

**CD** = Compact Disk

**DVD** = Digital Video Disk

**VDU** = Visual Display Unit

**LED** = Light-emitting diode

**LCD** = Liquid Crystal Display

**USB** = Universal Serial Bus

**VGA** = Video/Visual Graphic Adapter

**LAN** = Local Area Network

**WAN** = Wide Area Network

**MAN** = Metropolitan Area Network

**HLL** = High Level Language

**LLL** = Low Level Language

**MIPS** = Million of Instruction Per Second

**Mbps** = Mega Bytes Per second

**Kbps** = Kilo Bytes per second

**HTTP** = Hyper Text Transfer Protocol

**GIF** = Graphics Interchangeable Format

**BMP** = Bitmaps

**DOC** = Document (Microsoft Corporation)

**PDF** = Portable Document Format

HTML – Hyper Text Markup Language

CD – Compact Disk.

DVD – Digital Versatile Disk.

WWW = World Wide Web

ISP = Internet Service Provider

4 Bits = 1 Nibble

8 Bits = 1 Byte

1024 Bytes = 1 Kilo Byte ( KB )

1024 KB = 1 Mega Byte ( MB )

1024 MB = 1 Gyga Byte ( GB )

1024 GB = 1 Tera Byte ( TB )

1024 TB = 1 Peta Byte ( PB )

1024 PB = 1 Exa Byte ( EB )

1024 EB = 1 Zetta Byte ( ZB )

1024 ZB = 1 Yotta Byte ( YB )

URL – Uniform Resource Locator.

USB – Universal Serial Bus.

Name : \_\_\_\_\_

Class: VI

Computer Worksheet

Q. Choose the correct answer:

1. \_\_\_\_\_ is a very simple drawing program.

- a) Windows                      b) Paint                      c) PowerPoint

2. \_\_\_\_\_ tool is used for selecting parts of drawings.

- a) Brush                      b) Shape                      c) Select

3. Copy option is in \_\_\_\_\_ group.

- a) Clipboard                      b) Image                      c) Tools

4. CTRL + Z is shortcut key for:

- a) Cut                      b) Copy                      c) Undo

5. CTRL + C is shortcut key for:

- a) Cut                      b) Copy                      c) Undo

6. \_\_\_\_\_ option is used to increase or decrease the size of a drawing or a part of the drawing.

- a) Resize                      b) Paste                      c) Rotate

7. \_\_\_\_\_ tool is to change the angle of the whole, or selected part of the drawing.

- a) Resize                      b) Paste                      c) Rotate

8. \_\_\_\_\_ option is used to get a duplicate of the selected part of the drawing.

- a) Copy                      b) Cut                      c) Paste

9. \_\_\_\_\_ option is used to cut the selected object.

- a) Copy                      b) Cut                      c) Paste

10. \_\_\_\_\_ option is used to delete selected objects.

- a) Delete                      b) Invert                      c) Free-form