Delhi Public School, Gandhinagar
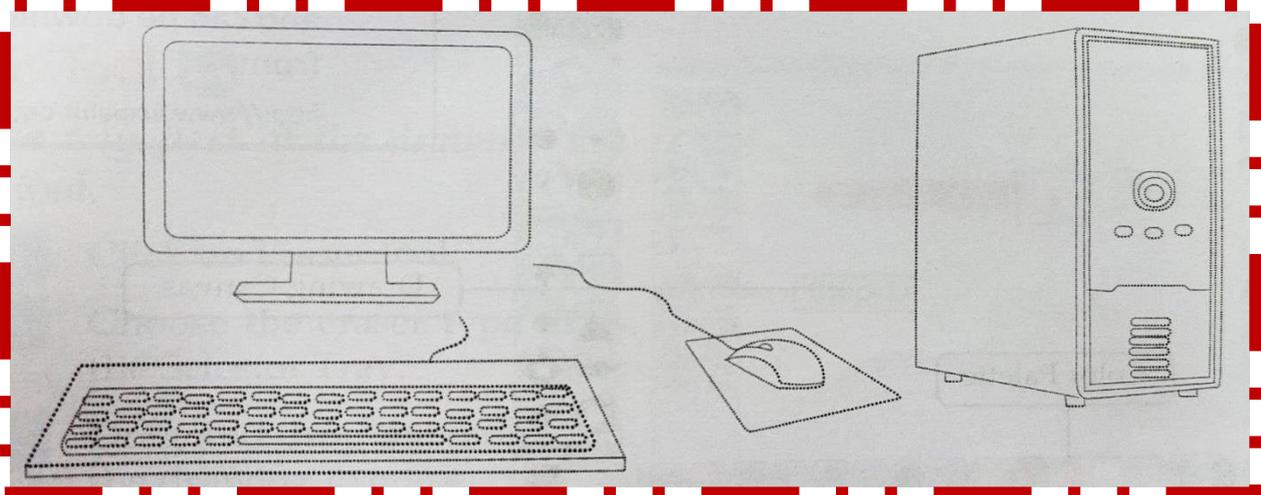
Class- II

Computer Sample Notebook

L-9 Tux Paint

Exercises

Page No. 75

Let us Enter

I. **Join the dots and colour the picture beautifully, Student to colour and join the dots.**

Activity Land

Page No. 78

Using the Lines Tool draw the given shapes.

   1. Rectangle   **2. Square**   **3. Triangle**

Students will draw the above tools practically in Tux Paint. All the shapes to be drawn practically.

Answer the Wizard

Page No. 81

A. **Name the tools used for the following.**

1. For drawing straight lines.

Ans. Lines Tool.

2 For drawing shapes.

Ans. Shapes Tool.

3. For making exact copies of the same picture.

Ans. Stamp (Rubber Stamp) Tool.

4. For creating magic effects in the picture.

Ans. Magic Tool.

5. For opening the previously saved file.

Ans. Open

Page No. 82

B. **Put a tick ✓ in front of the correct sentences and cross ✗ in front of the wrong sentences.**

1. Stamp tool is used for creating magic effect. ✗

2. Line tool is used for drawing straight line. ✓

3.   We cannot draw shapes in Tux Paint.   ✘

4.   We can open the file by clicking on the Save button.   ✘

5.   In Tux Paint drawing can be edited.   ✔

C.   Answer the following questions.

1.   Why do we use Stamp Tool?

Ans.   It is used to create many copies of many objects within a picture.

2   What is the use of Magic effect?

Ans.   It is used for filling different colours in the drawn pictures and create magic.

3.   What is Tux Paint used for?

Ans.   Tux Paint is used for drawing and colouring pictures.

4.   What is Sharp tool?

Ans.   Sharp Tool is used to add sharpness in the picture.

5.   What is the use of Flip Tool?

Ans.   The Flip Tool is used to invert the pictures taken from Stamp or Shapes.

Page No. 82

On the Magic Machine and Fun in Fairland is to be drawn Practically by the students in MS – Paint.
Draw and colour a Thank You card for your parents in your notebook.
Make the same in Tux Paint, too.

Wise Owl's Challenge

Explore the Magic tools and draw a real rainbow using them.

Delhi Public School,Gandhinagar

Class- II

Computer Sample Notebook

L-8 MORE ON MS -PAINT

Exercises

Page No. 64

Let us Enter.

I. Identify the different tools given below.

Activity Land

Activity Land

Write the dialogue for the girl and boy given below.
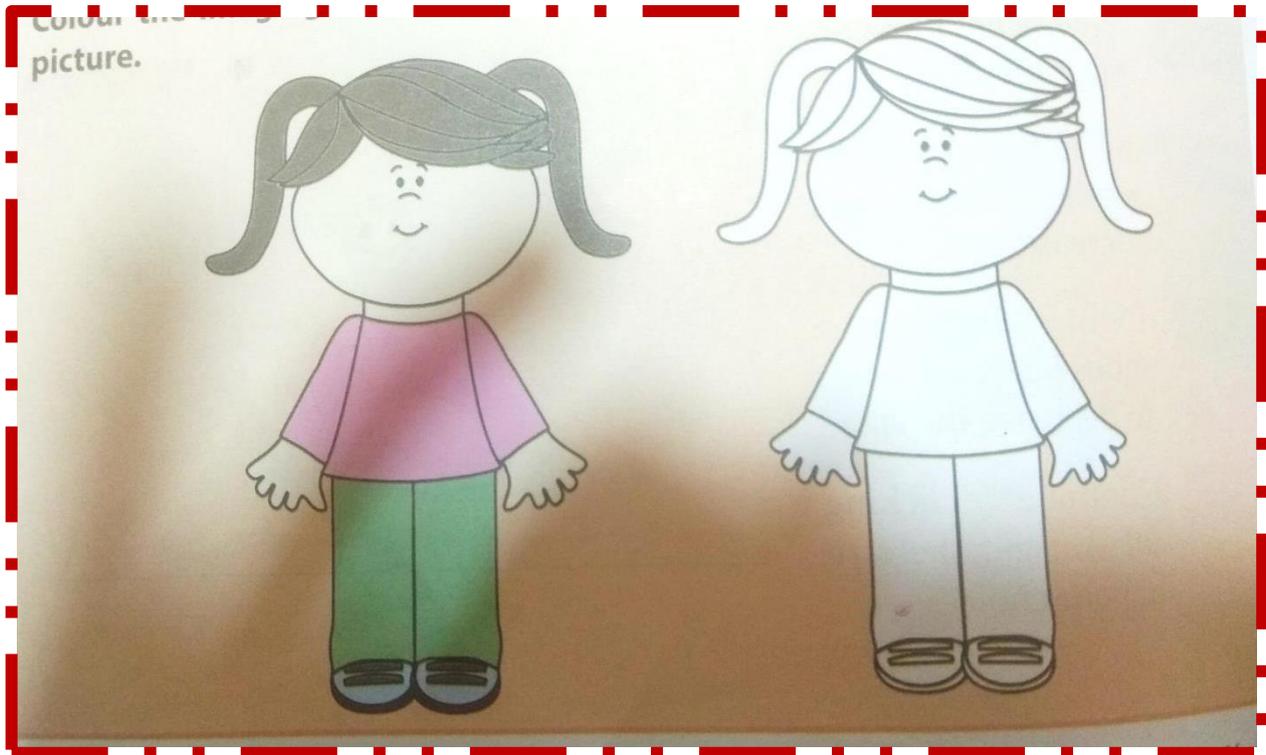
Hi! Do you Enjoy drawing in Paint

Yes, I do enjoy drawing.

Activity Land

Colour the image given below with the same colours as given in the reference picture.

Students will colour the image as given in the sample picture.

Answer the Wizard

Page No. 73

A. **Put a tick ✓ in front of the correct sentences and cross ✖ in front of the wrong sentences.**

1. To make a polygon we use the polygon tool. ✓

2. We cannot enlarge the image with magnifier tool. ✖

3. There are more than 16 million colours in MS Paint. ✓

4. We can cut and paste the image in MS Paint. ✓

5. We can paste pictures many times in MS Paint. ✓

B. **Identify the tools used for the following.**

1. For changing the size of the part or the entire drawing.

Ans. Resize feature.

2 For making closed shape using straight lines.

Ans. Polygon Tool.

3. For picking colour from one image and filling in another.

Ans. Color Picker Tool.

4. For showing speaking dialogues.

Ans. Callout features

5. For selecting image by free-hand drawing.

Ans. Free-Form Selection Tool.

C. **Fill in the blanks.**

1. **Polygon** is closed shape made up of straight lines.

2. **Select all** is a type of selection in which full image is selected.

3. MS Paint is a part of **Microsoft Windows**.

4. **Skew** refers to shifting the picture at an angle.

5. In freeform selection, we select the image by **free hand drawing.**

D. **Answer the following questions.**

1. What is polygon tool?

Ans. It is a closed shape made up of straight lines.

2 What do you understand by resize?

Ans. Resize Option is used to change the part or the whole drawing.

3. What is color picker tool used?

Ans. Color Picker is used to pick the colour from one drawing and fill in the other drawing.

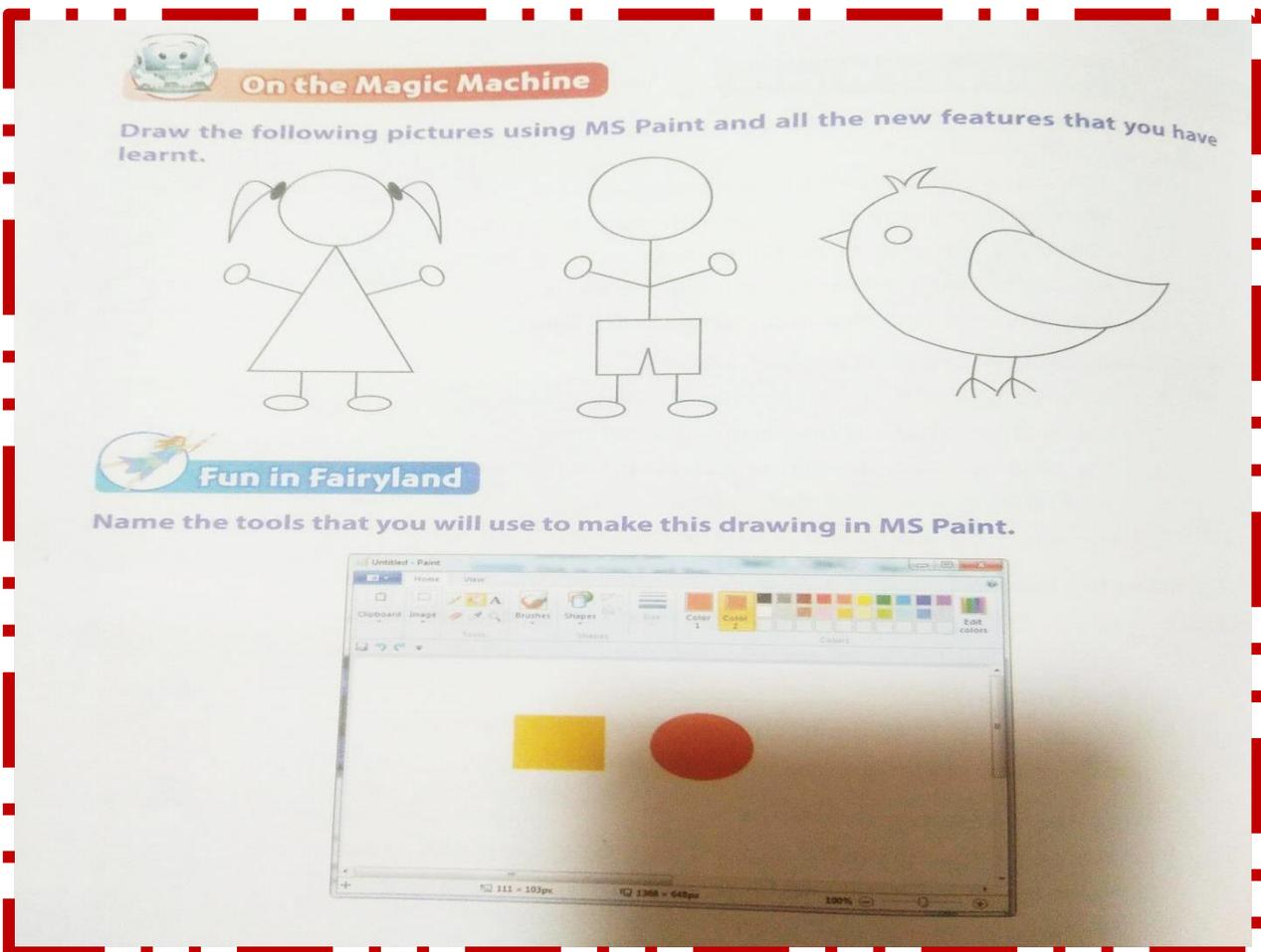4. What steps you follow to cut and paste an image?

Ans. **Cancelled**

5. Why do we use callout feature?

Ans. Callout features are used to put speaking dialogues for your own comic characters.

Page No. 74

On the Magic Machine and Fun in Fairland is to be drawn Practically by the students in MS – Paint.

Draw the following pictures using MS Paint and all the new features that You have learnt.

Delhi Public School,Gandhinagar

Class- II

Computer Sample Notebook

L-7 FUN WITH MS -PAINT

Exercises

Page No. 56

Let us Enter

I. Colour the picture using colours of your choice.
   Student will colour the given picture.
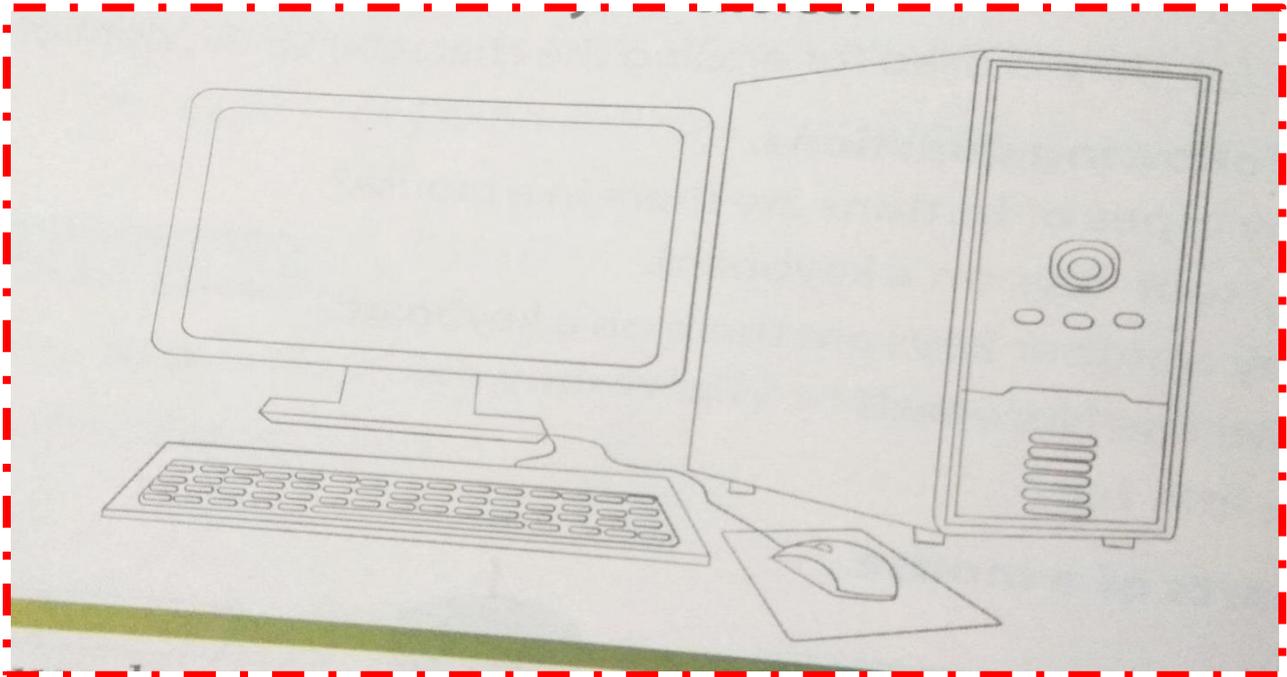
Activity Land

Page No. 61

II. Using the fill with color tool, colour the drawings given below.
Student will draw and colour in MS-Paint.
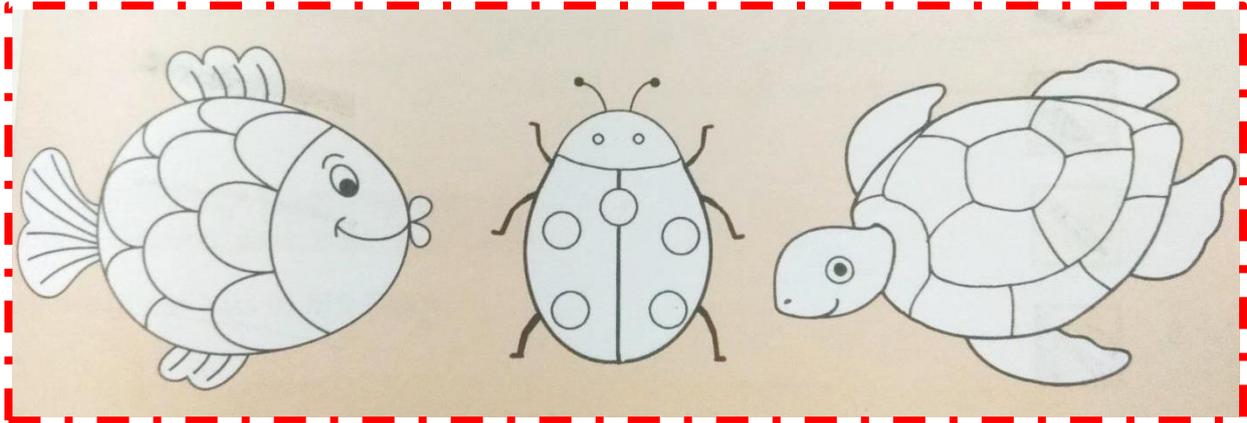
Answer the Wizard

Page No. 61

A.   Identify and name the different tools given below.

1.   <u>**Eraser**</u>

2.   <u>**Brushes**</u>

3.   <u>**Pencil**</u>

B. **Match the brushes with their effects.**
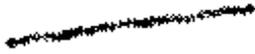
1.		A.		3.	
2.		B.		2.	
3.		C.		1.	
4.		D.		5.	
5.		E.		4.	

C. **Identify and Write the name of the tool which you will use:-**

1. For typing on the drawing made.

Ans. Text Tool.

2. For drawing like a crayon.

Ans. Brushes Tool.

3. For colouring a shape.

Ans. Fill with Color Tool

4.   For erasing the part of a drawing.

Ans.   Eraser Tool

5.   For drawing triangle.

Ans.   Shapes Tool

D.   **Answer the following questions.**

1.   Why do we use drawing area?

Ans.   To make a drawing in the drawing area.

2.   What is MS Paint?

Ans.   MS Paint is software that is used to draw and colour a drawing.

3.   What is use of text tool?

Ans.   Text tool is used to write text in MS Paint.

4.   How do we draw different shapes in MS Paint?

Ans.   We use shapes tool to draw different shapes in MS Paint.

5.   Why do we use fill with color tool?

Ans.   Fill with Color tool is used to colour a drawing in MS Paint.

E. **Name the shapes tools used:-**

1. To draw a circle.

Ans. Oval shape.

2. To draw a star.

Ans. Star shape.

3. To draw a heart.

Ans. Heart shape.

4. To draw a square.

Ans. Rectangle shape.

5. To draw a diamond.

Ans. Diamond shape.

On the Magic Machine and Fun in Fairland is to be drawn Practically by the students in MS – Paint.

Fun In Fairyland

Using the shapes tool which you have learned draw the things given below.
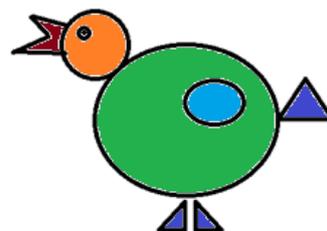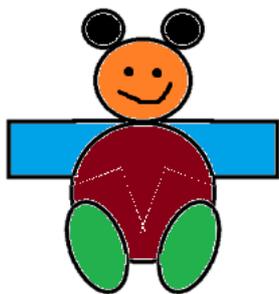
Page No. 47

Let us Enter

I. Trace the words to complete the poem and read it.

My computer is a magic machine.
Such a friend I have never seen;
I know him and he knows me,
On its screen many things I can see.

Activity Land

Page No. 49

Type the name of these animals in Notepad. Each name must appear in a new line.
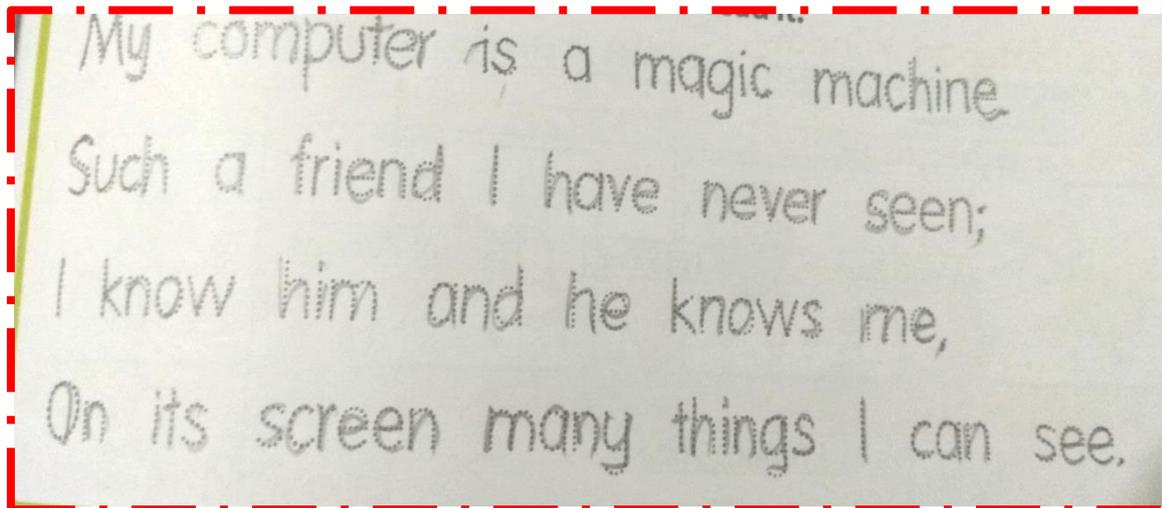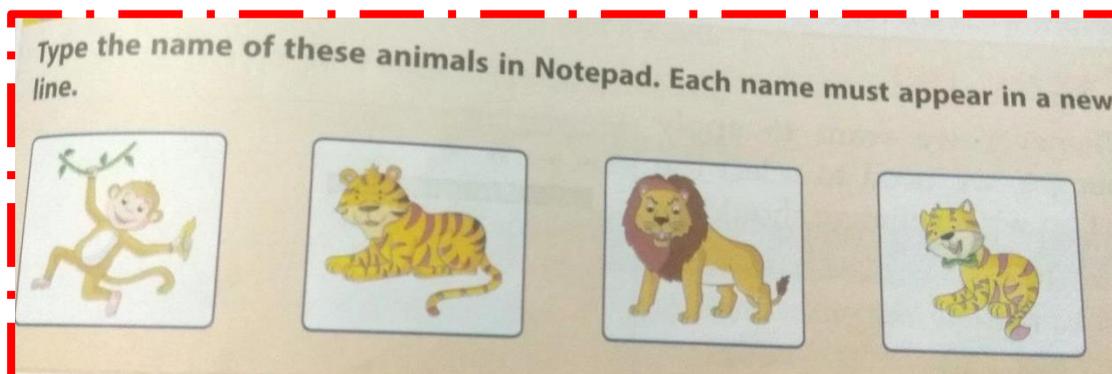
Answer the Wizard

Page No. 53

A. **Put a tick (√) in front of the correct sentences and a cross (X) against wrong sentence.**

1. We use Notepad for drawing and colouring. (X)

2. Notepad is part of Windows software. (√)

3. It is difficult to start Notepad. (X)

4. Title bar has menu buttons which help us in many functions. (X)

5. Working area is the area where we type. (√)

B. **Fill in the blanks.**

1. We press **Enter** key after each sentence to bring it to the next line.

2. **Working area** is the area where we type our work.

3. Menu bar has many **Menu Buttons** which help us to do many things.

4. **Font Style** and **Font Size** of the text can be changed to make it look attractive.

5. With the help of **Scroll bar** we can scroll from left to right of the page.

Page No. 54

Entire Page is to be done practically.

Delhi Public School, Gandhinagar

Class- II

Computer Sample Notebook

L.5 Using the Computer's Keyboard

Exercises

Page No. 38

Let us Enter

Can you count and write how many alphabet keys are there on the keyboard?

26

Name the alphabet that comes before the given alphabet on the keyboard.

S D   Tab Q   A S   F G   Z X   E R   J K
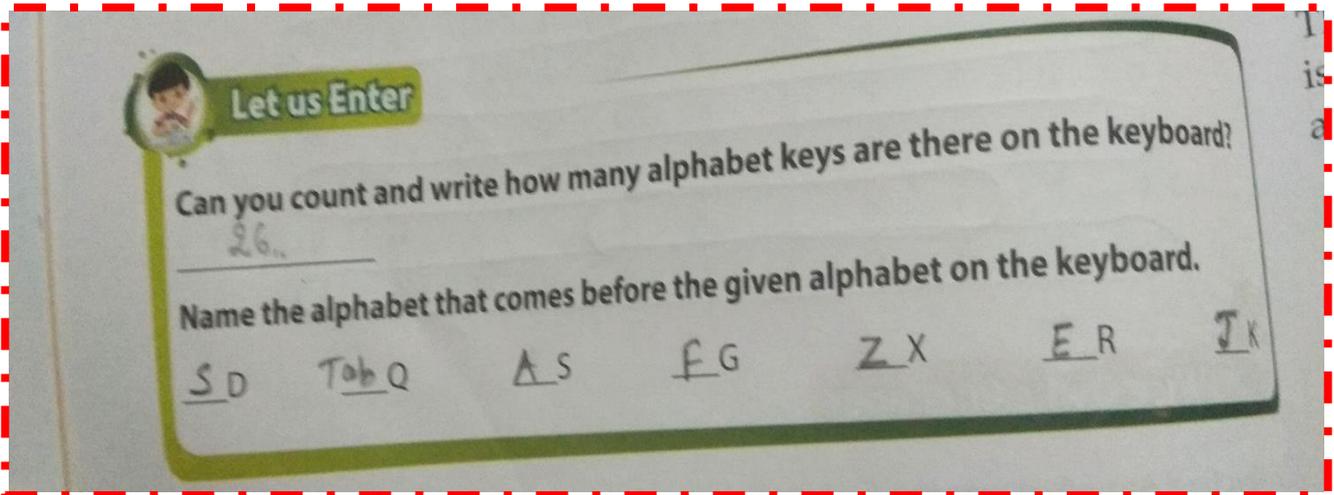
Activity Land

Page No. 40

Find and colour the Shift key on the keyboard.
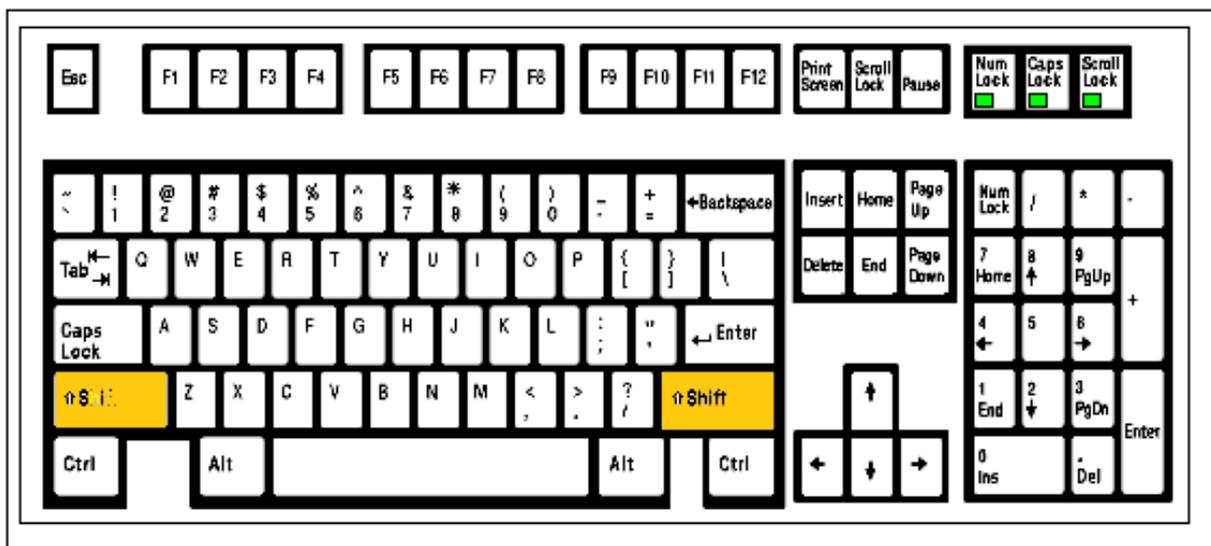
Activity Land

Page No. 43

Colour the keys in the given figure with the colours mentioned below.

Alphabet Keys	:		Shift keys	:			
Special Keys	:		Caps Lock Key	:			
Number Keys	:		Arrow Keys	:		Delete Key	:
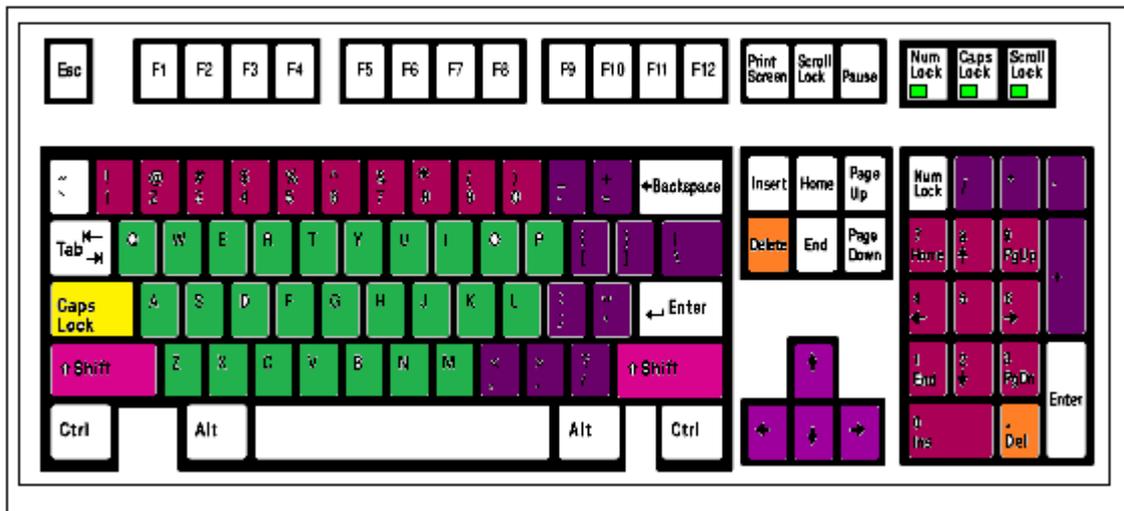
Answer the Wizard

Page No. 44

A. Write T for true and F for false statements.

1. There are two Number Pads available on the keyboard.   **F**

2. Caps Lock key is used for typing letters in capital .   **T**

3. Alphabet keys are used for typing numbers .   **F**

4. Spacebar key is the longest key on the keyboard .   **T**

5. Shift key is used alone .   **F**

B.   **Write the keys used for the following activities.**

1.   Using for erasing the character to the left of the cursor.   Backspace key

2.   Used for typing letter in capital.   Caps Lock key

3.   Using for erasing the character to right of the cursor.   Delete key

4.   Used for moving the character to the next line   Enter key

5.   Used for giving the space between words and letters.   Spacebar key

C.   **Fill in the blanks.**

1.   Up Arrow key used for the moving the cursor up.

2.   The capital letters are typed with help of Caps Lock key.

3.   Home key shifts the cursor to the beginning of the line or page.

4.   The cursor can be moved to the next line with help of Enter key.

5.   Spacebar key is used for giving space between letters and words.

D.   **Answer the following.**

1.   Which keys are used for moving in different directions on the screen?

Ans.   **Arrow keys** are used for moving in different directions on the screen.

2.   Name the four keys on the keyboard.

Ans.   **Alphabet keys, Number keys, Special keys, Arrow keys**

3.   What is the use of Alphabet keys on the keyboard?

Ans.   Alphabet keys are used to type **Alphabet** on the keyboard.

4. Why do we use Enter key?

Ans. Enter key is used **to move the cursor to the next line**.

5. How many Number keys are there on the keyboard?

Ans. There are **two sets of Number keys from 0 to 9** on the keyboard

Page No. 46

On the Magic Machine

Question given will be practiced by the students on their Laptops or Desktop Computers.

Fun in Fairyland

A. **Find and encircle the names of the keys given below in the grid.**

Enter			Shift			Arrow
Number			Caps Lock			Control

C	A	P	S	L	O	C	K	B
O	D	F	G	H	J	K	L	O
N	P	D	C	X	B	N	M	A
T	O	I	U	G	T	H	F	W
R	F	E	N	T	E	R	B	O
O	X	C	T	F	I	H	S	R
L	K	L	B	V	D	R	T	R
A	N	U	M	B	E	R	C	A

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Class- II
Computer Sample Notebook
L.4 Handling the Computer's Mouse

Exercises

Page No. 31

Let us Enter

Count and write the number of different types of mouse shown here. You have read about them in the previous chapter.
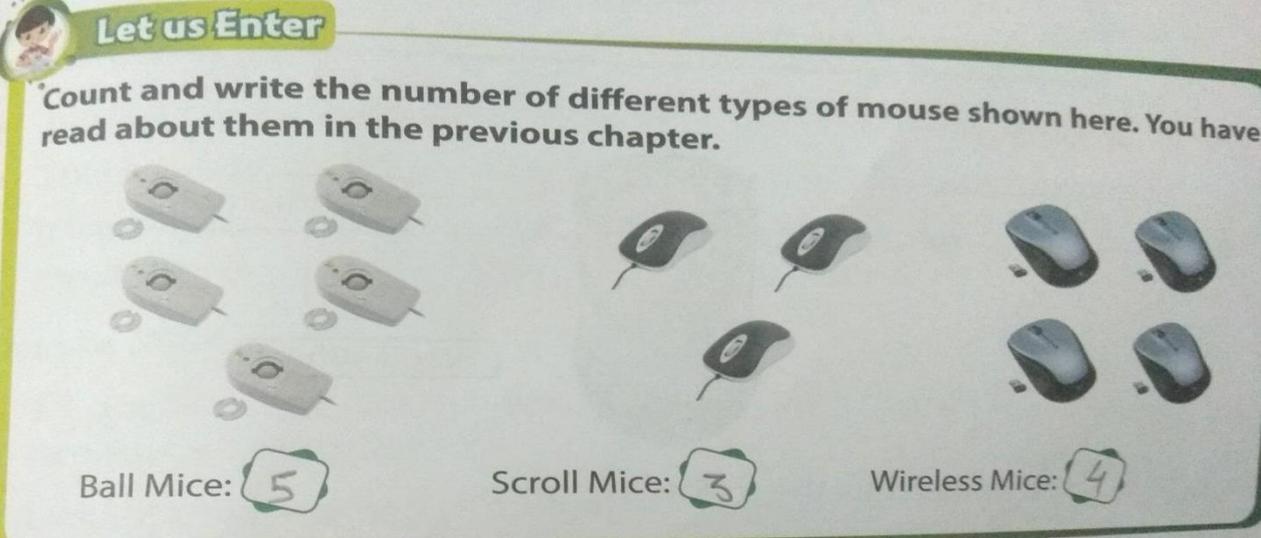
Ball Mice: 5   Scroll Mice: 3   Wireless Mice: 4

Activity Land

Page No. 32

Colour the mouse and the mouse pad.
Students can colour the mouse and mousepad of their choice.

Activity Land

Page No. 34

Which button of the mouse will you click to do the following?

		Left		Right	
1.	Triple click	Left	✓	Right	
2.	Drag and Drop	Left	✓	Right	
3.	Click	Left	✓	Right	
4.	Shake	Left	✓	Right	
5.	Double Click	Left	✓	Right	

Answer the Wizard

Page No. 35

A. Fill in the blanks.

1. A mouse is an input device used to click at the items on the computer screen.

2. A computer mouse must always be kept on a mousepad.

3. There are two buttons on a mouse .

4. A mouse is connected to the computer through the CPU.

5. The first mouse was designed and made by Douglas Engelbart .

B. Write T for true and F for false statements.

1. Pressing the right mouse button once is called double clicking.   **F**
2. Clicking on the left button is called right clicking.   **F**
3. A mouse has 3 buttons.   **F**
4. Scroll is the button.   **F**
5. Hold and move means to click and drag the mouse.   **T**

Page No. 36

C. Match the following.

1.	Scroll	a.	hold down the left button and shake it.	**2.**
2.	Shake	b.	click the left button two times continuously.	**3.**
3.	Double Click	c.	click the left button three times continuously.	**4.**
4.	Triple Click	d.	move up and down on the computer screen.	**1.**
5.	Drag	e.	click and hold the left button and move the mouse.	**5.**

D. **Rewrite the following incorrect statement correctly.**

1. Right click means click left button.

Ans. <mark>Left</mark> click means click left button.

2. Single click means to press the right button once.

Ans. <mark>Right</mark> click means to press the right button once.

3. Shake means to press the left button once.

Ans. Shake means to <mark>shake the mouse, hold down the left button and shake it.</mark>

E. **Answer the following.**

1. Who designed and made the first mouse?

Ans. Douglas Engelbart designed the first mouse made of wood.

2. What are mouse used for?

Ans. Mouse are used for selecting, opening, in selecting the paragraph, to draw Drawings using MS Paint, Drag and Drop objects on the computer screen.

3. How does a double click work?
Pressing the left button of the mouse is called double clicking. It is used to open

Ans. open

an icon.

4. How many types of buttons are there in a mouse?

Ans. There are two types of buttons on the mouse. Left Button and Right Button.

Page No. 37

On the Magic Machine

Questions A and B to be practiced at home on Laptops or Desktop Computer by

the Students.

Fun in Fairyland

Question Find and encircle the different words related to a mouse from the given wordgrid.

Ans Words Identified from the Grid are:

Mouse, Click, Single Click, Double Click, Drag and Drop, Shake, Scroll Wheel.

Fun in Fairyland

Find and encircle the different words related to a mouse from the given wordgird.

H	O	L	D	A	N	D	M	O	V	E
M	O	N	I	T	O	R	Y	I	Y	L
C	J	C	L	I	C	K	S	E	P	T
S	I	N	G	L	E	C	L	I	C	K
D	O	U	B	L	E	C	L	I	C	K
N	H	Q	P	S	M	O	U	S	E	P
D	R	A	G	A	N	D	D	R	O	P
O	N	S	H	A	K	E	I	N	O	N
S	C	R	O	L	L	W	H	E	E	L

Delhi Public School, Gandhinagar

Class- II

Computer Sample Notebook

L.3 How Does A Computer Work

Exercises

Page No. 24

Let us Enter

What do you like to do on a computer?

PLAY GAMES.
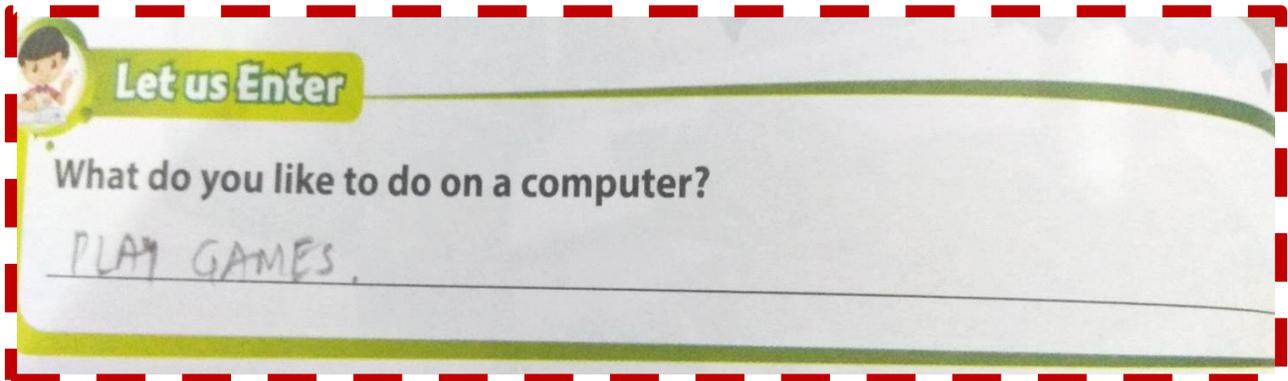
Activity Land

Page No. 26

Identify the Input and Output for the following machines. One has been done for you.

Fruits		Juice
Crushing of Fruits		
Corn		Popcorn
Corn gets heated		
Dirty Clothes		Clean Clothes
Washing of Clothes		

Answer the Wizard

A. Put a tick (√) on the correct option.

1. The data and instructions one enters into the computer is known as :
   - a) processing
   - b) input√
   - c) output

2. All the thinking and calculations in a computer is done by:
   - a) mouse
   - b) keyboard
   - c) CPU√

3. The letters, words, numbers and instructions entered into the computer for it to work is called:
   - a) data√
   - b) output
   - c) process

4. The final result that computer gives out is called:
   - a) output√
   - b) input
   - c) data

5. Monitor and printer are the most commonly used:
   - a) input devices
   - b) output devices√
   - c) processing devices

B. Write T for true and F for false statements.

1	Data typed into the computer is called input.	**T**
2	A Laptop is not a computer.	**F**

3	Data and commands are input into the computer.	**T**
4	Computer gives out input.	**F**
5	We get output from the computer.	**T**

B. **Name the following.**

1. Three step process used by the computer. — IPO Cycle

2. Parts that help to input data. — Input devices

3. Parts that display the output. — Output devices

4. Parts which helps in giving computer output. — Processing device

5. One example of input device. — Mouse, Keyboard

D. **Match the following.**

1.	**Input Device**	a.		3.
2.	**Output Device**	b.		1.
3.	**Process Device**	c.		2.

On the Magic Machine

Identify the picture given below. Write O for output device, I for input device and P for processing device.

 I   **I**   **I**   **P**

Fun in Fairyland

Identify the pictures and write their names.

1. C R O W

2. O R A N G E

3. M O N K E Y

4. P A R R O T

5. U M B R E L L A

6. T I G E R

7. E L E P H A N T

8. R A B B I T

Now, write the first letter of each name and write it in the boxes below to find a hidden word.

C	O	M	P	U	T	E	R
1	2	3	4	5	6	7	8

Wise Owl's Challenge

Name the Input, Process and Output in the case of an electric door bell.

DOOR BELL SWITCH (INPUT), PRESSING THE DOOR BELL (PROCESS)

DOOR BELL RINGS (OUTPUT)

Exercises

Page No. 15

In Class I, you learnt about the different parts of a computer. Can you name them?

CPU
SPEAKERS
PRINTER
KEYBOARD
MONITOR
MOUSE
MOUSE - PAD

Answer the Wizard

Page No. 20

A.   Put a tick (√) on the correct option.

1.   LCD Stands for :
    a) Liquid Crystal Display   √
    b) Light Crystal Display

Page No. 21

2.   CPU Stands for :
    a) Clear Printing Unit
    b) Central Processing Unit   √

3. Monitors are also known as :

    a) Visual Display Unit √

    b) Working Display Unit

4. The computer output printed on paper is called :

    a) Softcopy

    b) Hardcopy √

5. Laser Mouse works with:

    a) Sun Light

    b) Laser Light √

B. **Fill in the blanks with the help of the words given in the bubble.**

television	four	104	Speaker	flat

1. There are four main parts of a computer.

2. A monitor looks just like a television screen.

3. LCD and LED monitors have a flat screen.

4. A standard keyboard has 104 keys.

5. Speaker helps us to listen to sound stored in a computer.

C. **Write T for true and F for false statements.**

1.	A Keyboard has 102 keys.	**F**
2.	Monitors are used to listen to music.	**F**
3.	A Monitor is used to view the output.	**T**
4.	A pen drive is a printing device.	**F**
5.	Speaker is for listening music.	**T**

D.   Identify and name the following devices.

P	E	N		D	R	I	V	E

P	R	I	N	T	E	R

S	P	E	A	K	E	R	S

M	O	U	S	E

E.   Answer the following questions.

1.   Name the storage devices.

Ans: Hard Disk, CD, DVD, Flash Drive.

2.   Name the types of mouse.

Ans: Ball Mouse, Scroll Mouse, Laser Mouse, Wireless Mouse.

3.   Name the parts of standard computer.

Ans: CPU, Monitor, Keyboard, Mouse.

4.   What are printers used for?

Ans: Printers are used to print text or pictures on a paper.

Delhi Public School, Gandhinagar

Class- II

Computer Sample Notebook

L.1 Computer Basics

Exercises

Answer the Wizard

Page No. 12

A. **Put a tick (√) on the correct option.**

1. Computer works on:
    a) Petrol
    a) Electricity (√)

2. The first counting machine was:
    b) Pascaline
    c) Abacus   (√)

3. The computer which is kept on a table is called :
    a) Desktop   (√)
    b) Tab

Page No. 13

B. **Write T for true and F for false statements.**

1.	Computer is a machine that runs on water.	**F**
2.	Blaise Pascal invented a machine which he called Pascaline.	**T**
3.	At first, the computers were not used for doing calculations.	**F**
4.	In banks, Computers are used to play computer games.	**F**
5.	Computer never makes mistakes.	**T**
6.	Pascaline was not the first computer devices.	**T**

C. **Write any 2 uses of computers in the following places.**

1. **At Home:**

Ans: A computer is used to <u>play games</u> and to <u>draw pictures</u>.

2. **At Bank:**

Ans: A computer is used to keep <u>customers' accounts</u>, <u>records</u>.

3. **At Airports:**

Ans: A computer is used to <u>book and sell tickets to their passengers</u>, <u>control air Traffic</u>.

D. **Circle (O) the correct word to complete the sentences.**

1. A desktop is a (heavy)/ light computer.

2. At airport, computers are used for playing games / (selling tickets.)

3. At (schools) / railway stations, computers are used by children to study.

4. Computer have (large/) small memory as compared to human beings.

E. **Fill in the missing letters.**

1. Blaise Pascal invented a machine called P **A S C A** L **I** NE

2. In Banks, computers are used to keep C **U S T O** M **E R** S'

R **E C O R D** S.

3. At first, the computers werer only used for doing C **A** L **C U L A T I O** N **S**.

4. We can draw P **I C** T **U R E** S on the computer.