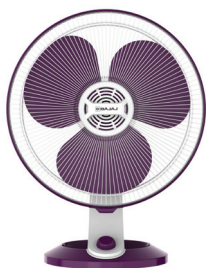


1. Computer - A Smart Machine

LET'S PLUG-IN (Page no. 7)

Do it yourself

LET'S CATCH UP (Page no. 8)



H



N



N



H



H

LET'S CATCH UP (Page no. 10)



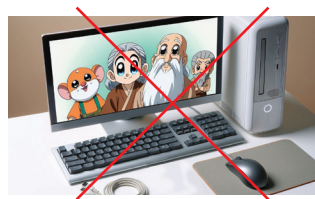
TEST YOUR SKILLS

1. a. (i) b. (i) c. (i) d. (i) e. (ii)
2. a. (T) b. (F) c. (T) d. (F) e. (T)
3. a. FAN b. COMPUTER c. TRAIN
4. a. Human-made thing b. Computer

TECH ZONE



LET'S SOLVE

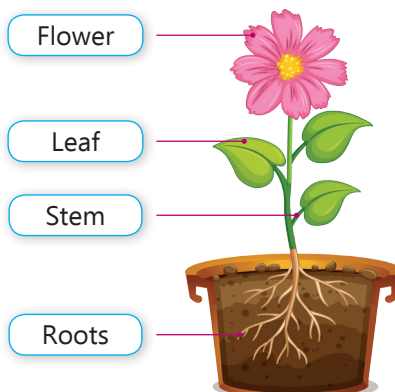


LET'S EXPLORE

Do it yourself.

2. Parts of a Computer

LET'S PLUG-IN  (Page no. 17)



Do it yourself

TEST YOUR SKILLS

- | | | | | | |
|----|------------|-------------|---------|------------|----------|
| 1. | a. (iii) | b. (ii) | c. (ii) | d. (ii) | |
| 2. | a. Mouse | b. Speakers | c. CPU | d. Keys | |
| 3. | a. Monitor | b. Keyboard | c. CPU | d. Printer | e. Mouse |
| 4. | a. Mouse | b. Keyboard | | | |

TECH ZONE



1.



2.



3.

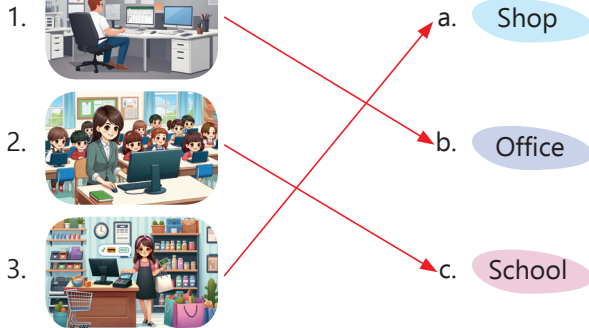


Do it yourself.

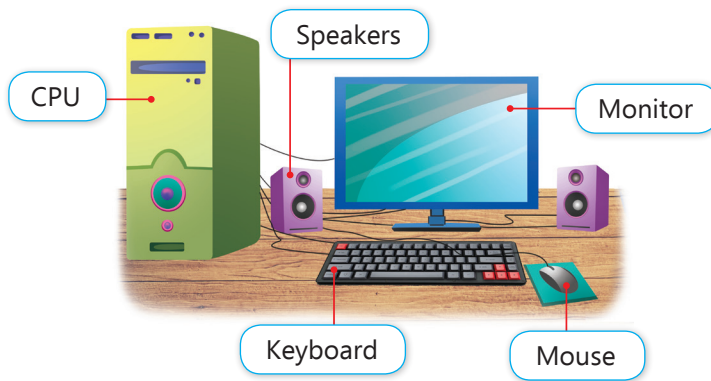
Periodic Assessment-1

(Based on chapters 1 & 2)

A.



B.



3. The Keyboard and The Mouse

LET'S PLUG-IN (Page no. 24)



LET'S CATCH UP (Page no. 25)

Do it yourself.



Touchpad PLUS (Version 2.2)-I (Answer Key)



Do it yourself.

TEST YOUR SKILLS

1. a. (ii) b. (ii) c. (ii) d. (ii)

2. a.  i. Up arrow key
 b.  ii. Number key
 c.  iii. Single-click
 d.  iv. Double-click

3. a. Alphabet b. Spacebar c. Pointer d. Draw, Colour
 4. a. I will use a keyboard to type and mainly use alphabet keys, spacebar, and Enter key.
 b. She used a mouse and double-clicked it to open the file.

TECH ZONE



Let's SOLVE



2.



LET'S EXPLORE

Do it yourself.

4. Tux Paint

LET'S PLUG-IN (Page no. 36)

Do it yourself.

TEST YOUR SKILLS

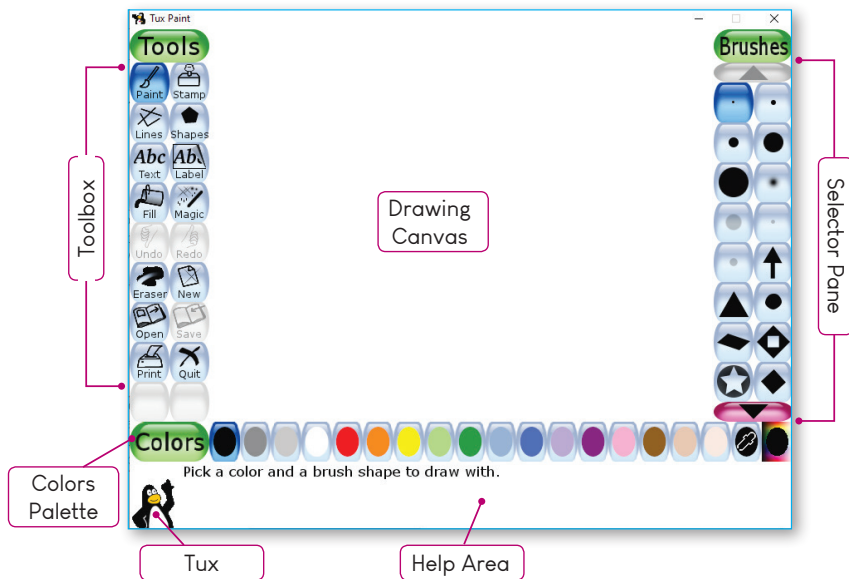


1. a. (iii) b. (i) c. (i) d. (iii)
2. a. colours b. Drawing Canvas c. Help Area
d. Paint e. Eraser
3. a. T b. F c. F d. T e. F

4. a. i. Save tool
- b. ii. Quit tool
- c. iii. New tool
- d. iv. Eraser tool
- e. v. Paint tool



5. a. To close Tux Paint, click on the Quit tool in the Toolbox.
- b. **Save** tool



Do it yourself.

Periodic Assessment–2

(Based on chapters 3 & 4)

A.

- | | | | |
|----|--|----|-------------------------------|
| 1. | | a. | erases letters to the left |
| 2. | | b. | erases letters to the right |
| 3. | | c. | moves the cursor up |
| 4. | | d. | used to type numbers |
| 5. | | e. | gives space between two words |



B.



C.

1. S E L E C T O R P A N E
2. D R A W I N G C A N V A S
3. T U X P A I N T
4. C O L O R S P A L E T T E

Test Sheet-1

(Based on chapters 1 to 4)

- | | | | | |
|----|---|-------------|----------|-------------|
| A. | 1. (ii) | 2. (i) | 3. (i) | 4. (i) |
| B. | 1. 10 | 2. Alphabet | 3. Teach | 4. Speakers |
| C. | 1. F | 2. F | 3. F | 4. T |
| D. | 1. Two places where computers are used are banks and offices.
2. Two types of mouse actions are Single-Click and Double-Click. | | | |

5. Let us Draw in Paint

Let's PLUG-IN (Page no. 48)

Do it yourself.

Let's CATCH UP (Page no. 53)

- | | | |
|-------------------------|----|--|
| 1. Fill with color tool | a. | |
| 2. Oval shape | b. | |
| 3. Line shape | c. | |
| 4. Rectangle shape | d. | |



TEST YOUR SKILLS

1. a. (ii) b. (iii) c. (ii) d. (ii)
2. a. Home b. Group c. Rectangle d. Paint
3. a. F b. T c. F d. T
4. a. Line shape b. Rectangle shape
c. Oval shape d. Fill with Color tool
5. a. To draw a hut in Paint, I will use Rectangle, Oval, and Line shapes.
b. She used the Fill with color tool to colour the picture.

TECH ZONE



Fill with color



Line



Eraser Tool



Oval



Do it yourself.

6. Reasoning and Critical Thinking

LET'S PLUG-IN (Page no. 58)

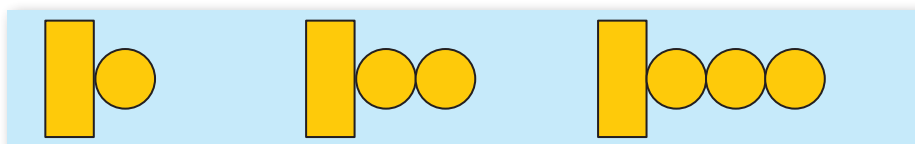
Do it yourself.

LET'S CATCH UP (Page no. 59)

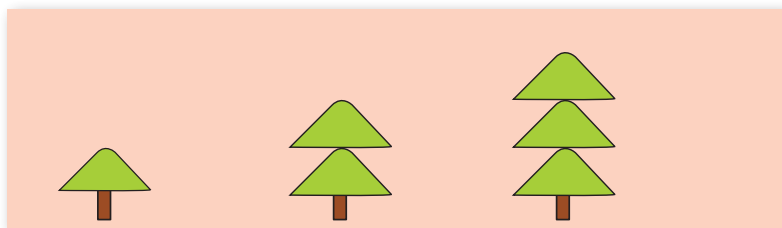
7

LET'S CATCH UP (Page no. 61)

1.



2.



Let's CATCH UP (Page no. 62)

E	C	G	A
F	A	T	X
A	T	E	Y
B	E	N	Q

TEST YOUR SKILLS

1. a. (iii) b. (ii) c. (i)

2.

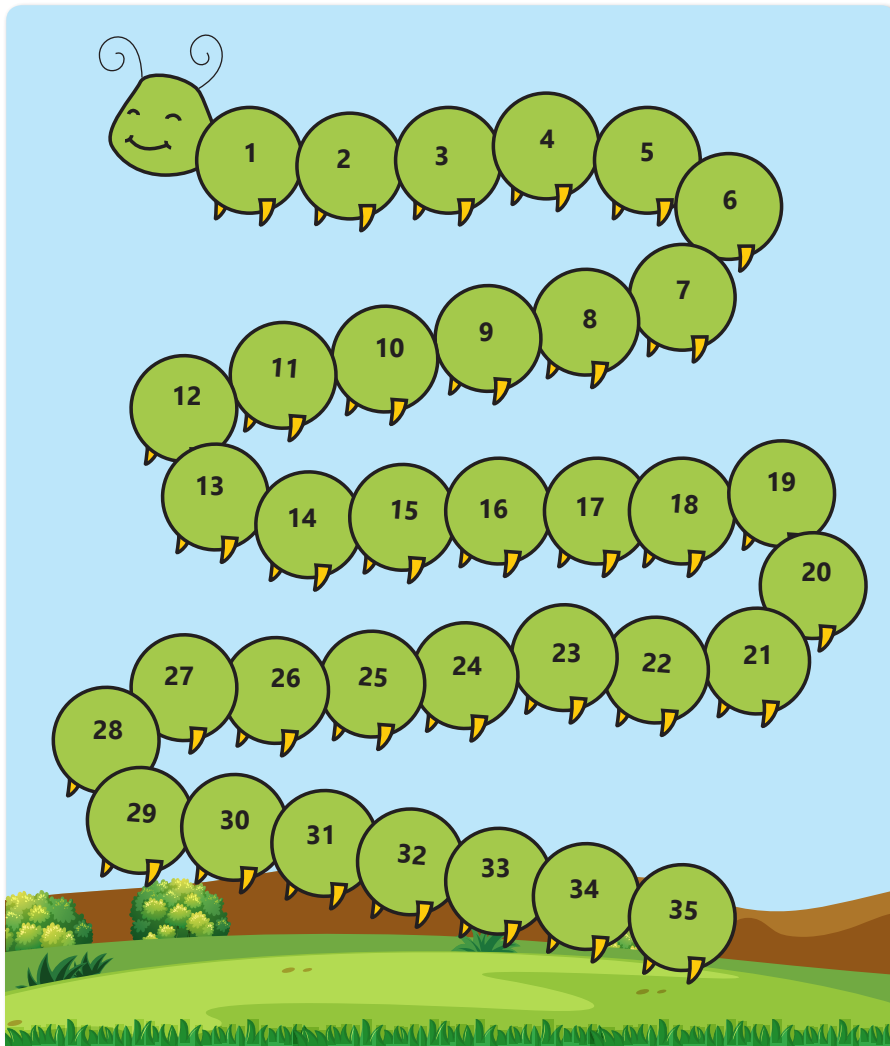
L	F	L	O	W	E	R	B
A	N	U	N	M	S	W	X
M	E	W	A	D	M	S	Q
B	T	Z	E	Q	X	P	Q
X	B	U	D	S	Q	R	R
Q	Z	U	B	E	Y	I	A
Z	A	C	L	A	Z	N	I
B	I	R	D	Q	J	G	N

3. a. triangle
b. Riya finds words by scanning rows, columns, and diagonals, then circles them.





LET'S SOLVE



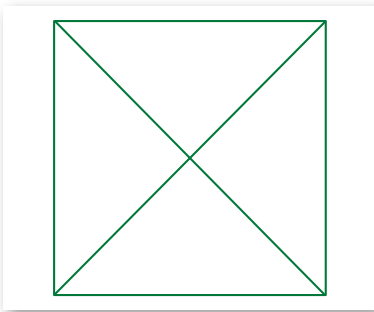
LET'S EXPLORE

Do it yourself.

Periodic Assessment-3

(Based on chapters 5 & 6)

A.



B.



Rectangle

Circle

Line

7. Introduction to ScratchJr

LET'S PLUG-IN (Page no. 67)

Do it yourself.

LET'S CATCH UP (Page no. 70)

Change Background

Desktop

Taskbar

Blocks Palette

Color Palette

Drawing Canvas

Green Flag

Undo Button

Programming Area

TEST YOUR SKILLS

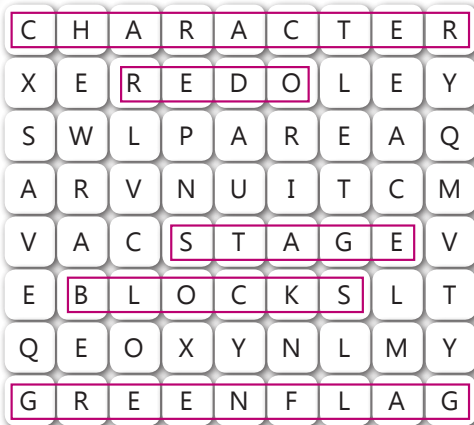
- (i)
 - (iii)
 - (i)
- T
 - T
 - T
 - F
- Green Flag
 - Stage
 - Undo Button
- Presentation Mode
 - To change the background of the stage, follow the given steps:

Step 1: Click on the Change Background button.

Step 2: Click on the background you want to select.

Step 3: Click on the ✓ (tick) button on the top right corner of the screen.

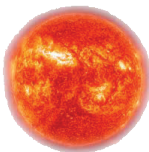
TECH ZONE



Do it yourself.

8. Introduction to Artificial Intelligence

LET'S PLUG-IN  (Page no. 76)





TEST YOUR SKILLS

1. a. (iii) b. (ii) c. (i)
2. a. Natural b. Artificial c. Identify
3. a.



Lift



Eat



Sleep



Pack



Walk



Bath

b.



Bark



Identify people



Cook



Play



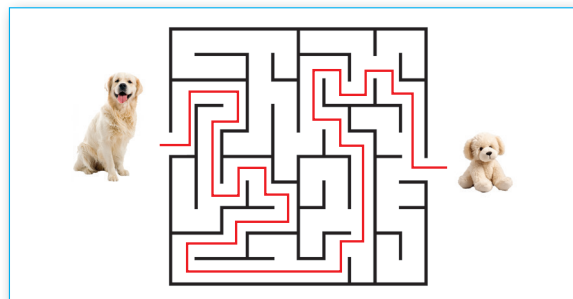
Sleep



Read

4. a. Aibo
- b. The factory is likely using robots or machines with Artificial Intelligence (AI) to perform tasks efficiently in place of human workers.

TECH ZONE

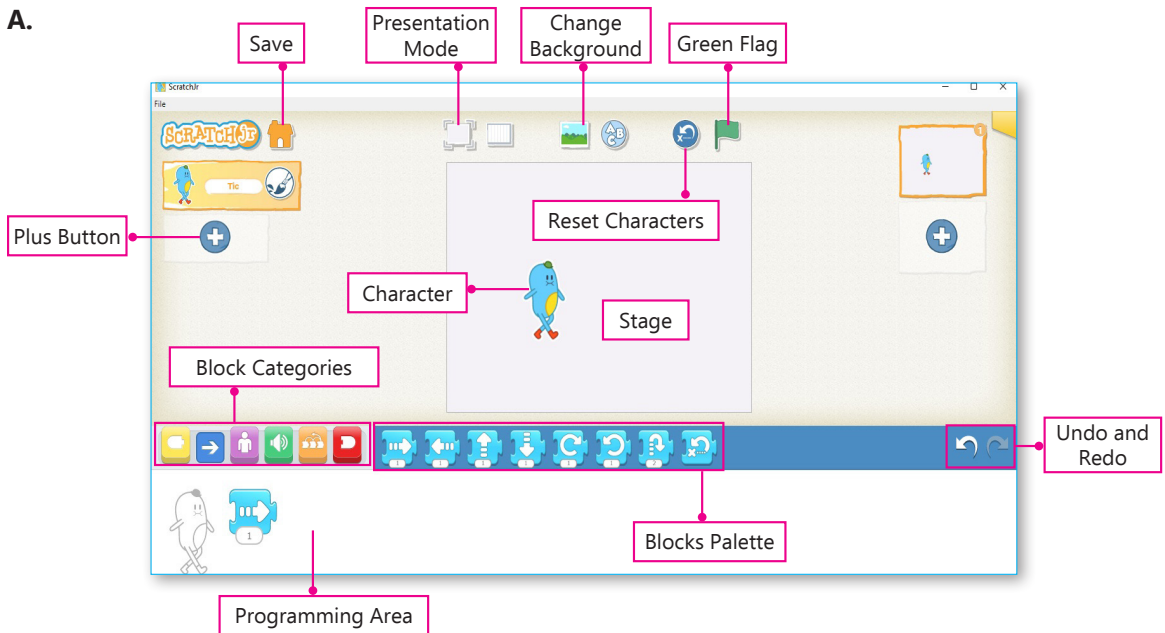


Do it yourself.

Periodic Assessment-4

(Based on chapters 7 & 8)

A.



B. 1.



2.



a. Artificial thing

b. Natural thing

3.



4.



Test Sheet-2

(Based on chapters 5 to 8)

- | | | | | |
|-------------------|-----------------|-----------|--------|----------------|
| A. 1. (ii) | 2. (i) | 3. (i) | 4. (i) | 5. (i) |
| B. 1. Eraser | 2. Drawing Area | 3. Shapes | 4. 4 | 5. Word search |
| C. 1. Script Area | 2. Line | 3. Tree | | |