

## 1. Computer—A Machine

### Test Your Knowledge (Page 10)

Do it yourself



### Topic Flashback (Page 11)

Look at the below-given pictures. Write H for human-made and N for natural things.



N



N



H



H



### Art Integration Learning

(Page 12)

Do it yourself



### Experiential Learning

(Page 13)

Do it yourself



### QUICK QUIZ

(Page 13)

1. b

2. a



## Assess Yourself



Choose the correct option.

1. c                      2. c                      3. d



Identify the following things, write their names, and also match them with their use.

- |    |                                                                                   |                        |                      |
|----|-----------------------------------------------------------------------------------|------------------------|----------------------|
| 1. |  | <u>Sharpener</u>       | sharpens a pencil    |
| 2. |  | <u>Sewing machine</u>  | stitches our clothes |
| 3. |  | <u>Refrigerator</u>    | keeps food fresh     |
| 4. |  | <u>Air conditioner</u> | keeps room cool      |



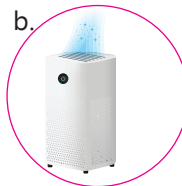
Scratch Your Brain.

1. a. TREE                      SMART

2. a.



b.



c.



d.



e.



f.



3. Animals are Natural things.



2

CodeGPT (4.0)-I (Answer Key)

## 2. Uses of a Computer

### Test Your Knowledge (Page 17)



### Topic Flashback

(Page 19)

1. messages
2. paint
3. songs
4. sums
5. stories



### Interdisciplinary Learning

(Page 19)

Do it yourself



### Experiential Learning

(Page 21)

Do it yourself



### QUICK QUIZ

(Page 22)

1. b
2. a

## Assess Yourself



Choose the correct option.

1. a                      2. a                      3. c



Fill in the blanks with the correct words.

1. Home              2. School              3. Bank              4. Shop



Answer the following questions:

1. a. Do sums                                      b. Type letters, poems and stories  
2. Home  
3. To maintain records of employees.



Scratch Your Brain.

1.

Solve  
sums

Listen to  
music

Sleep

Type  
stories

Eat

Make a  
video call

2. I can feel and think but a computer cannot.  
3. To create and study medical reports of the patients.

## Periodic Assessment-1

(Based on chapters 1 & 2)

A. 1.



3.



2.



4.



ONOKOTEB

NOTEBOOK

ETRE

TREE

CPU

CUP

EVISIONTEL

TELEVISION



4

CodeGPT (4.0)-I (Answer Key)

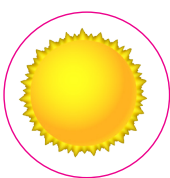
B. 1.



2.



3.



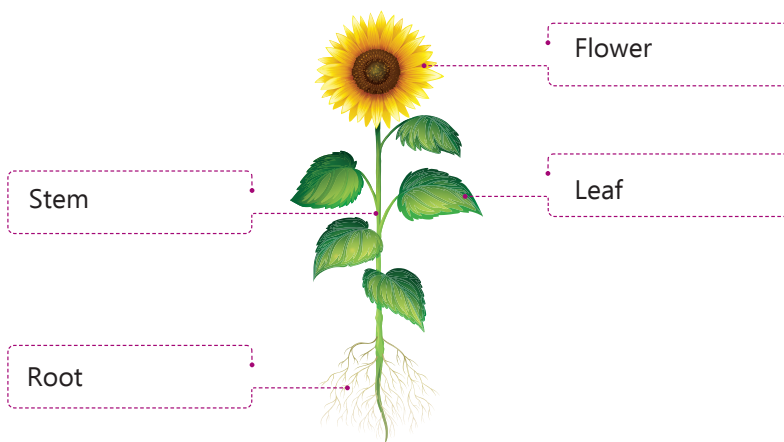
4.



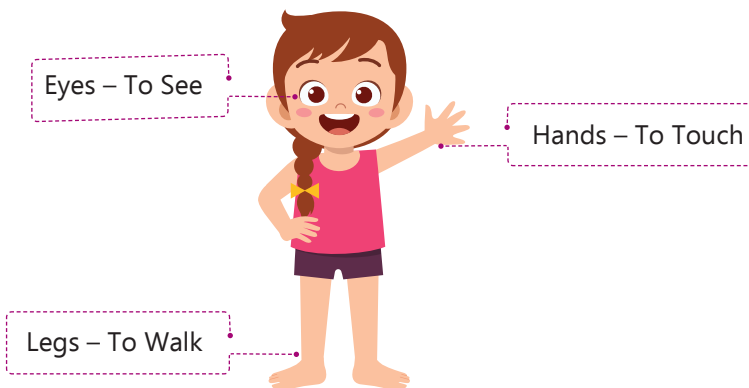
C. 1. Home 2. Hospital 3. School

### 3. Parts of a Computer

Test Your Knowledge (Page 27)



Interdisciplinary Learning (Page 29)





## Topic Flashback

(Page 29)

1. MOUSE
2. CPU
3. KEYBOARD
4. MONITOR



## Art Integration Learning

(Page 30)

Do it yourself



## QUICK QUIZ

(Page 30)

1. b
2. a

## Assess Yourself



Choose the correct option.

1. b
2. a
3. d



Tick (✓) the correct statements and cross (✗) the wrong ones.

1. ✓
2. ✗
3. ✗



Answer the following questions:

1. Monitor
2. Keyboard



Look at the pictures and fill in the blanks to complete their names.



Keyboard



Printer



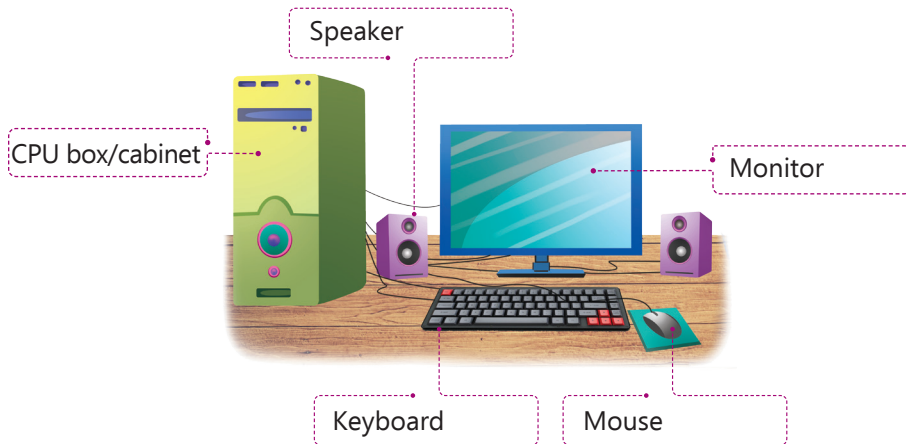
Speakers





## Scratch Your Brain.

1. Keyboard
2. Printer
- 3.

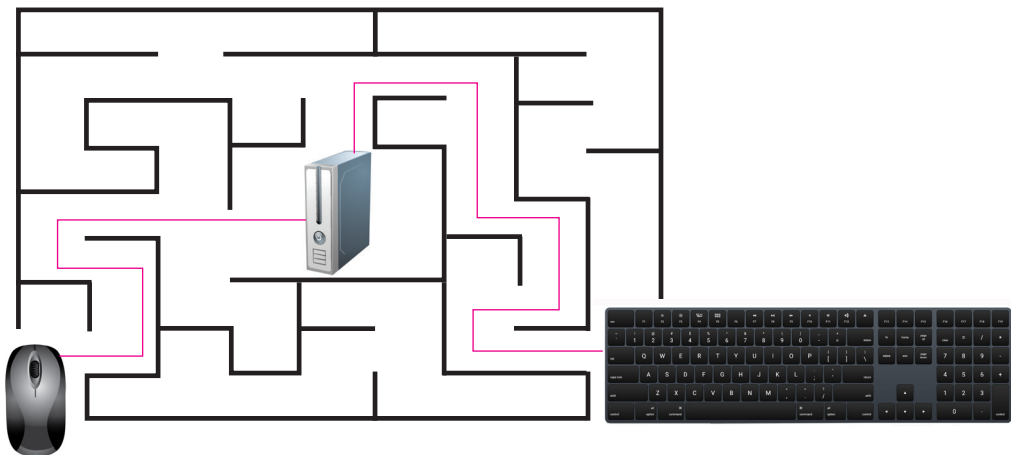


## Explore in the Lab

Do it yourself

# 4. The Keyboard and The Mouse

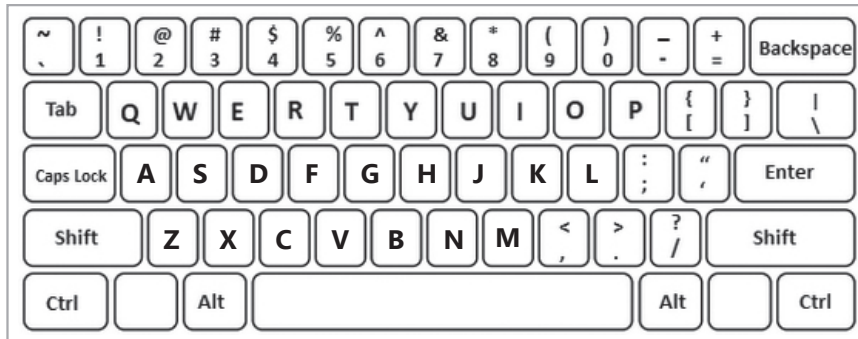
Test Your Knowledge (Page 35)





## Topic Flashback

(Page 38)



## Experiential Learning

(Page 38)

Do it yourself



## Art Integration Learning

(Page 40)

Do it yourself



## Interdisciplinary Learning

(Page 41)

Do it yourself



## QUICK QUIZ

(Page 41)

1. a
2. a

## Assess Yourself



Choose the correct option.

1. d
2. b
3. c
4. b



Tick (✓) the correct statements and cross (✗) the wrong ones.

1. ✓
2. ✓
3. ✗



CodeGPT (4.0)-I (Answer Key)







## Scratch Your Brain.

1. Do it yourself

2. a.



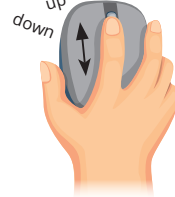
Single-Click

b.



Double-Click

c.



Scroll

3. Delete key

4. Scroll



## Explore in the Lab

Do it yourself

## Periodic Assessment-2

(Based on chapters 3 & 4)

A.



I am pointing at an item on the monitor.

I am using a Mouse.

I am typing a letter.

I am using a Keyboard.



I am watching a movie.

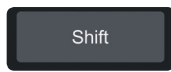
I am using a Monitor.

I am taking a print of the poem I typed.

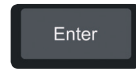
I am using a Printer.



B.



2



2



1



2

C.



## Test Sheet-1

(Based on chapters 1 to 4)

- |    |             |            |            |
|----|-------------|------------|------------|
| A. | 1. d        | 2. d       | 3. d       |
| B. | 1. Computer | 2. Schools | 3. Banks   |
| C. | 1. ✓        | 2. ✗       | 3. ✗       |
| D. | 1. Shops    | 2. CPU     | 3. Monitor |

## 5. Tux Paint

### Test Your Knowledge (Page 50)

Do it yourself



### Topic Flashback (Page 54)

- |          |            |
|----------|------------|
| 1. PAINT | 2. TOOLBOX |
|----------|------------|



### Art Integration Learning

(Page 54)

Do it yourself



### Interdisciplinary Learning

(Page 55)

Do it yourself



CodeGPT (4.0)-I (Answer Key)



1. b
2. b

## Assess Yourself

 Choose the correct option.

1. b
2. a
3. c
4. d

 Fill in the blanks with the correct words.

1. Down
2. Fill
3. Up
4. Paint

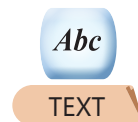
 Answer the following in one or two words:

1. New Tool
2. Text Tool
3. Quit Tool

 Scratch Your Brain.



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



 **Explore in the Lab**

Do it yourself

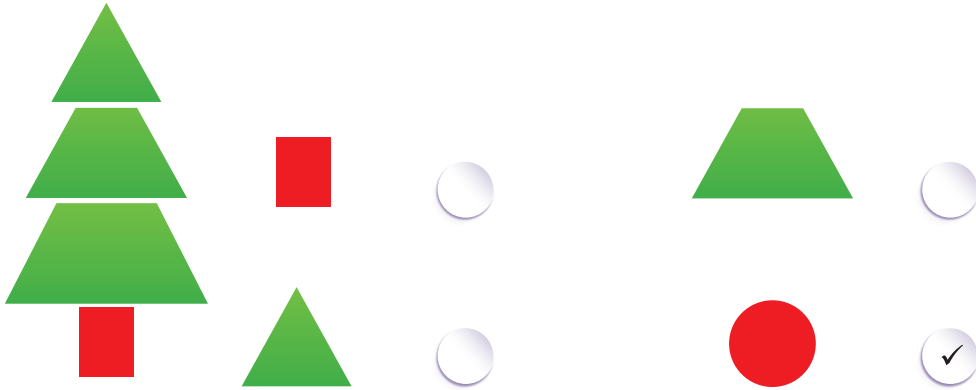
## 6. Reasoning and Critical Thinking

### Test Your Knowledge (Page 60)

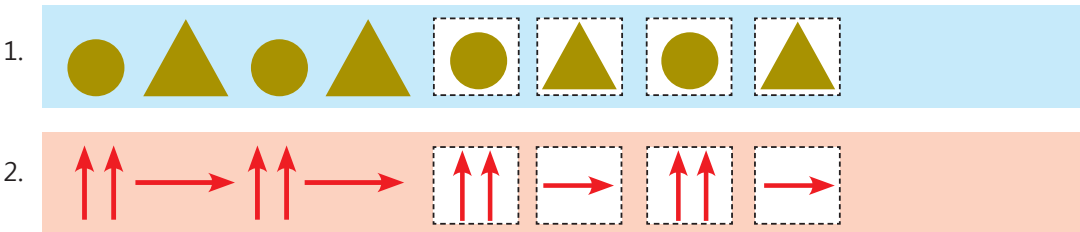
Do it yourself



### Interdisciplinary Learning (Page 61)



### Topic Flashback (Page 62)



### QUICK QUIZ (Page 63)

1. b                      2. b

## Assess Yourself



Choose the correct option.

1. b                      2. a                      3. c                      4. b



Answer the following in one or two words:

1. One                      2. Row



CodeGPT (4.0)-I (Answer Key)





## Periodic Assessment-3

(Based on chapters 5 & 6)

A.

1.



*Magic*

2.



*New*

3.



*Stamp*

4.



*Text*

B.

1.

A

D

G

J

M

P

2.

ABC

BCD

CDE

DEF

EFG

FGH

C.



TRIANGLE



RECTANGLE

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| N | P | R | P | T | T | C | E | S | C |
| P | C | C | F | R | Q | I | L | O | N |
| M | O | L | M | I | A | R | M | X | U |
| V | R | S | Z | A | F | C | G | G | P |
| K | S | Q | Y | N | O | L | O | S | U |
| B | M | U | V | G | X | E | T | M | B |
| P | X | A | Z | L | L | M | H | R | B |
| R | C | R | E | E | A | O | S | B | M |
| W | R | E | C | T | A | N | G | L | E |
| G | U | V | V | Y | X | L | Y | C | A |



SQUARE



CIRCLE

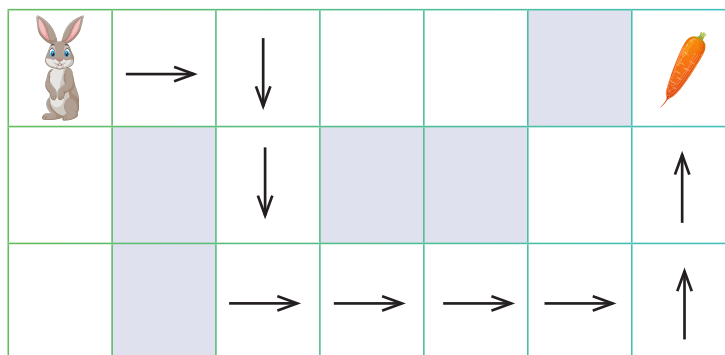
D.

1. Drawing Canvas

2. Word search

# 7. Introduction to ScratchJr

## Test Your Knowledge (Page 67)



## Topic Flashback (Page 70)

1. GREEN FLAG
2. STAGE
3. CHARACTER

## Interdisciplinary Learning (Page 70)

Do it yourself

## QUICK QUIZ (Page 72)

1. b
2. b

## Assess Yourself

### Choose the correct option.

1. a
2. d
3. c

### Fill in the blanks with the correct words.

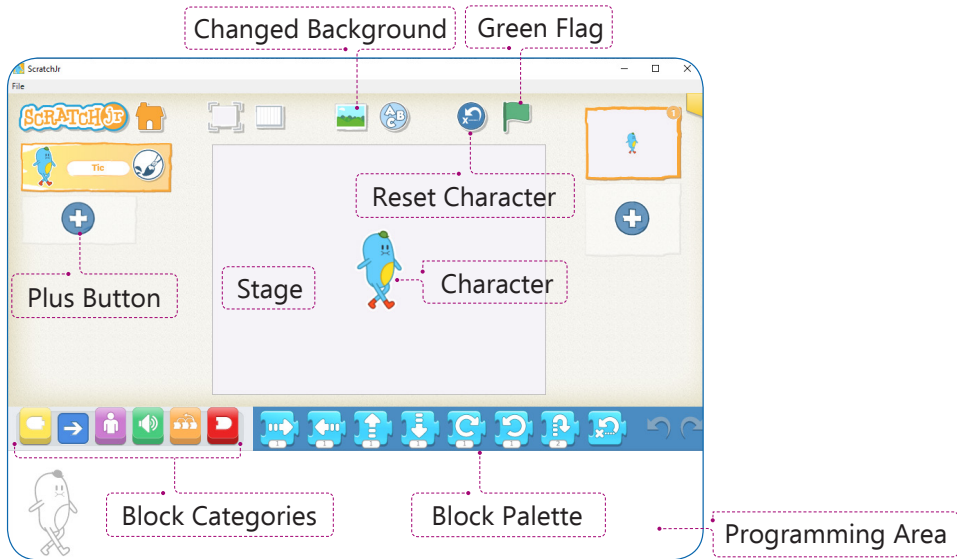
1. Character
2. Home Button
3. Plus Button
4. Programming Area

### Answer the following in one or two words:

1. Stage
2. Change Background



## Scratch Your Brain.



## Explore in the Lab

Do it yourself

# 8. Introduction to Artificial Intelligence

## Test Your Knowledge (Page 76)



Ball



Tree



Sun



Book





## Topic Flashback

(Page 77)



## Art Integration Learning

(Page 78)

Do it yourself



## QUICK QUIZ

(Page 78)

1. a

2. a

## Assess Yourself



Choose the correct option.

1. a

2. c

3. a



Tick (✓) the correct statements and cross (✗) the wrong ones.

1. ✓

2. ✓

3. ✗



Match the objects with their respective category.

1.



Artificial things

2.



3.



Natural things

4.







## Scratch Your Brain.



Bark



Identify people



Cook



Play



Sleep



Read



## Explore in the Lab

Do it yourself

## Periodic Assessment-4

(Based on chapters 7 & 8)

A.

1.



Plus Button

2.



Green Flag

3.



Change Background

4.



Reset Character

B.



Lift



Sleep



Walk



Eat



Pack



Bath

C.

1. Green Flag 2. Character 3. Change Background 4. Plus Button

D.

1.



A

3.



N

2.



N

4.



A



# Test Sheet–2

(Based on chapters 5 to 8)

- A.** 1. a 2. c 3. c 4. a
- B.** 1. Down 2. Fill 3. Home Button 4. Programming Area
- C.** 1. New Tool  
2. Text Tool  
3. Row  
4. Change Background

