Answer Key

Class 1

1. What are Machines?

Warm Up!

Do it yourself.

Warm Up!

Word Bank

Do it yourself.

Rapid fire

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

2.

1. a. time   b. machine   c. nature

2. a. 1. Sun 2. Tree   b. 1. Cycle 2. Sharpener   c. 1. Chair 2. Table

3. a. Smartphone is a human-made thing.

   b. Scissor. It is human-made tool.

Activity Time

1. Do it yourself.

2.

M	A	C	H

I	N	E

New word is: MACHINE

Find Out

Do it yourself.

Group Task

Do it yourself.

In The Lab

Do it yourself.

2. Exploring a Computer

Warm Up!

1. mistake   2. electricity   3. time

Rapid fire

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

2. a. ( )   b. (✓)

   c. (✓)   d. ( )

Evaluation Time

1. a. smart   b. works   c. messages   d. watch
2. a. 1. Do sums, 2. Send e-mails   b. 1. Hospital, 2. Shop
   c. 1. Stitching, 2. Washing cloths
3. a. Computer   b. Railway stations and airports

Activity Time

   a. HOME   b. HOSPITAL

In The Lab

Do it yourself.

Periodic Assessment 1
(Based on chapters 1 & 2)

A.

B. Painting Watching TV Bathing Drinking

Sleeping Solving Sums Chatting Booking Tickets

Washing Clothes Drawing Playing games

Typing letters Watching movies Making mistakes

C. 1. T 2. F 3. F

3. Familiarity with Computer Parts

Word Bank

Do it yourself.

Rapid Fire

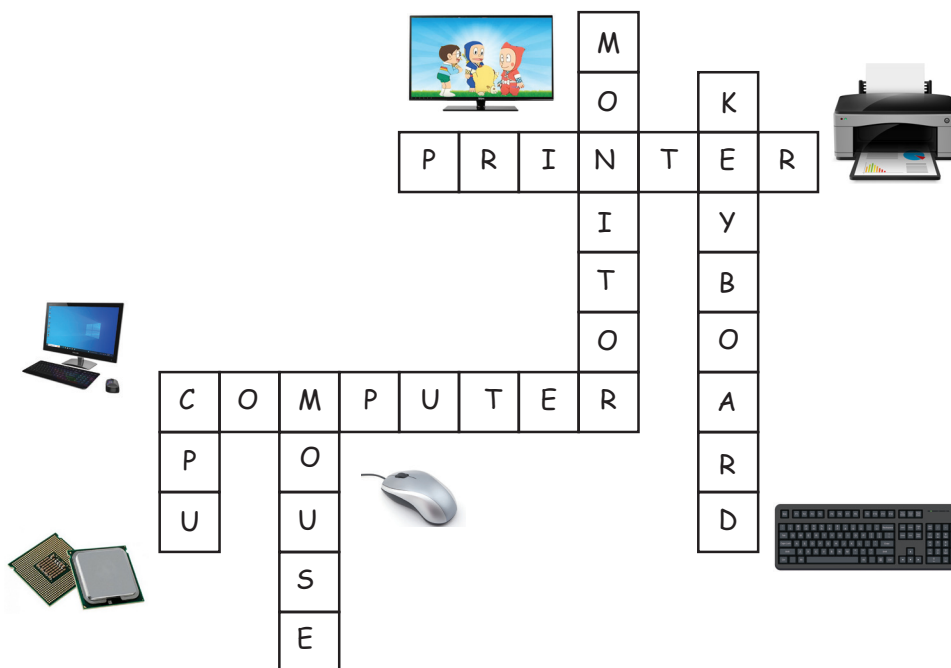**1.** a. (iii) b. (iii) c. (iii)

2. a. F b. F c. F d. T

Evaluation Time

1. a. monitor b. mouse c. speakers d. keys

2. a. Printer b. CPU c. Four d. 1. Screen 2. Keyboard

3. a. Monitor b. Printer

				M						
				O				K		
	P	R	I	N	T	E	R			
				I				Y		
				T				B		
				O				O		
C	O	M	P	U	T	E	R			
P		O						A		
U		U						R		
		S						D		
		E								

Crossword answers: MONITOR, PRINTER, KEYBOARD, COMPUTER, MOUSE, CPU

Find Out

Do it yourself.

Group Task

Do it yourself.

In The Lab

Do it yourself.

4. Exploring the Keyboard and Mouse

Warm Up!

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

Warm Up!

Do it yourself.

Rapid Fire

1. a. (iii)   b. (ii)   c. (i)   d. (i)
2. a. (iii)   b. (iv)   c. (ii)   d. (i)

Evaluation Time

1. a. Scroll   b. Spacebar   c. Caps Lock   d. Backspace
2. a. All the keys on the keyboard which have letters from A to Z written on them are called Alphabet keys.

    b. 1. Enter Key
        2. Delete Key

    c. The parts of a computer mouse are left button, right button and scroll wheel.

    d. Drag and drop action is used to move icon from one place to another.

3. a. Click is used to select an item.

    b. Enter Key

Activity Time

1.

Alphabet Key

Enter Key

Caps Lock Key
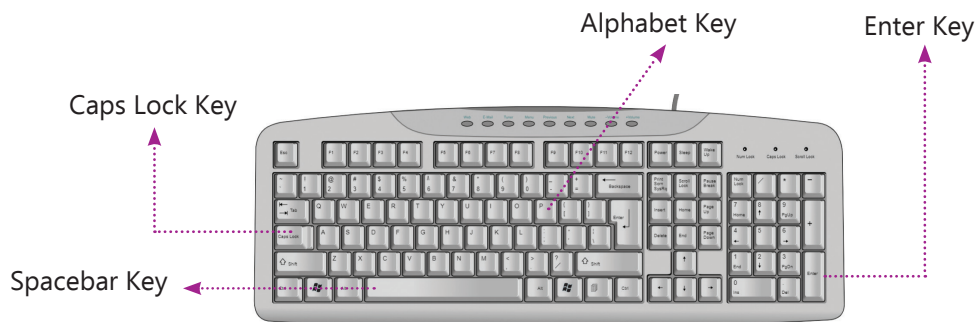
Spacebar Key

2. Touchpad

Scroll Wheel

Cat

Mouse pad

Key

Television

Click

Right-click

Screen

Drag and Drop

In The Lab

Do it yourself.

Periodic Assessment 2
(Based on chapters 3 & 4)

A. 1. Mouse 2. Keyboard 3. CPU 4. Speakers

B. 1. SPACEBAR 2. ENTER 3. BACKSAPCE 4. MONITOR
5. KEYBOARD 6. MOUSE

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

Test Sheet 1
(Based on chapters 1 to 4)

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

2. a. smart b. works c. messages d. watch

3. a. 1. Do sums, 2. Send e-mails

b. Printer

c. Drag and drop action is used to move icon from one place to another.

4. a. 1. Hospital

2. Shop

b. Four- Mouse, Monitor, Keyboard and CPU.

c. 1. Enter key

2. Delete Key

5. Let's Use Tux Paint

1. Paint tool
2. Shapes tool
3. Quit tool
4. Save tool

Word Bank
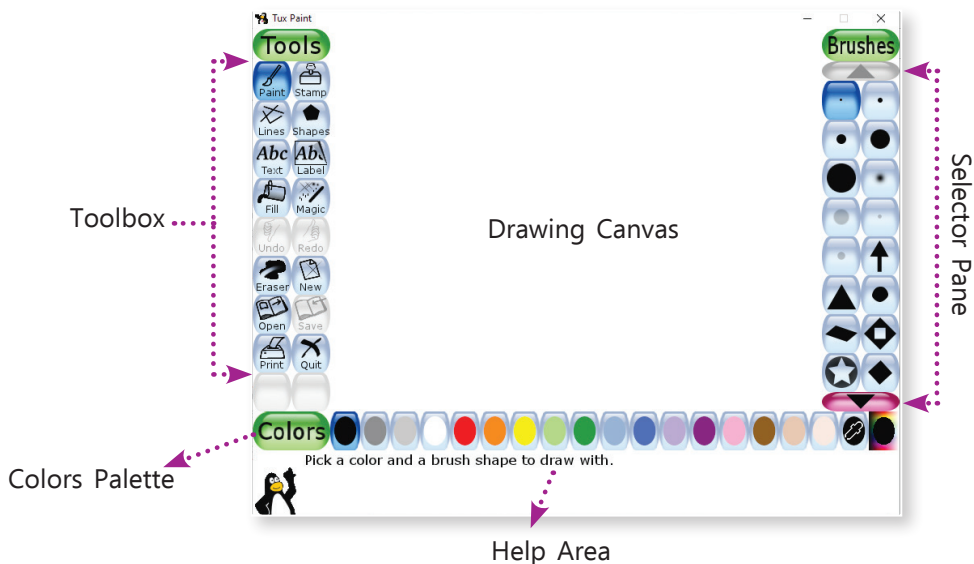
Do it yourself.

Rapid Fire

1. a. (iii)   b. (i)   c. (iii)
2. a. F   b. T   c. F

Evaluation Time

1. a. colours   b. drawing canvas
   c. help area
2. a. 1. Toolbox 2. Selector Pane   b. Shapes Tool
3. a. Colors Palette   b. Eraser Tool

Activity Time

Label the components of the Tux Paint window.

Toolbox, Colors Palette, Drawing Canvas, Selector Pane, Help Area

In The Lab

Do it yourself.

6. Let's Use Paint

Word Bank

Do it yourself.

Rapid Fire
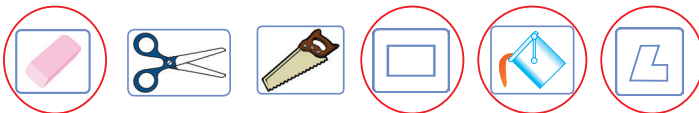
1. a. (i)   b. (i)   c. (ii)
2. a. Line shape   b. Fill with color tool   c. Brushes

Evaluation Time

1. a. 1. Tools group 2. Shapes group   b. Line tool   c. Fill with color tool
2. a. Shapes Group   b. Fill with color

Activity Time

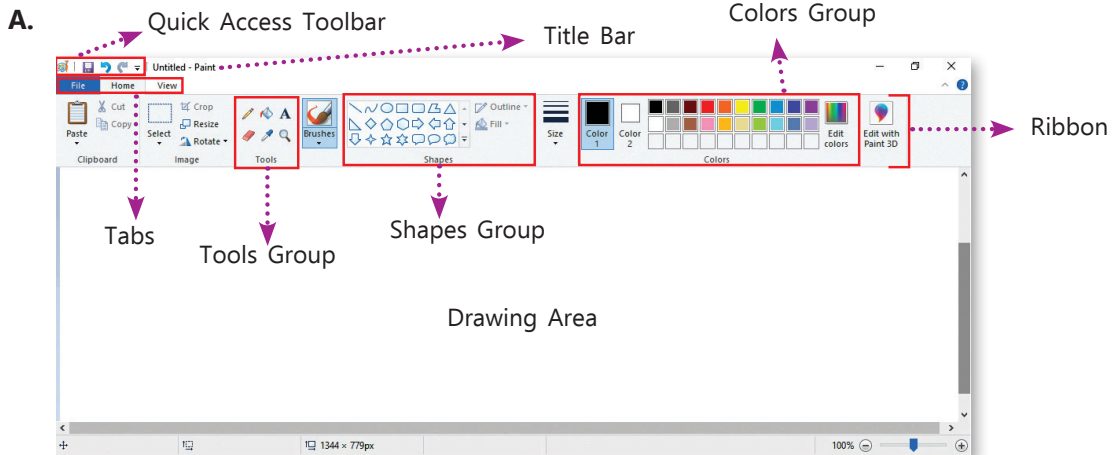Circle only the tools or shapes of Paint.

In The Lab

Do it yourself.

Periodic Assessment 3

(Based on chapters 5 & 6)

A.

Labels: Quick Access Toolbar, Title Bar, Colors Group, Ribbon, Tabs, Tools Group, Shapes Group, Drawing Area

B.

i. Selector Pane helps you to choose from different options that we get as a tool is selected.

ii. Colors palette contains different colours to make colourful drawings.

iii. Tux Paint is used to draw and paint.

iv. Drawing Area is the largest area of tux paint that is used to draw and paint.

7. Reasoning and Critical Thinking

Warm Up!

1.
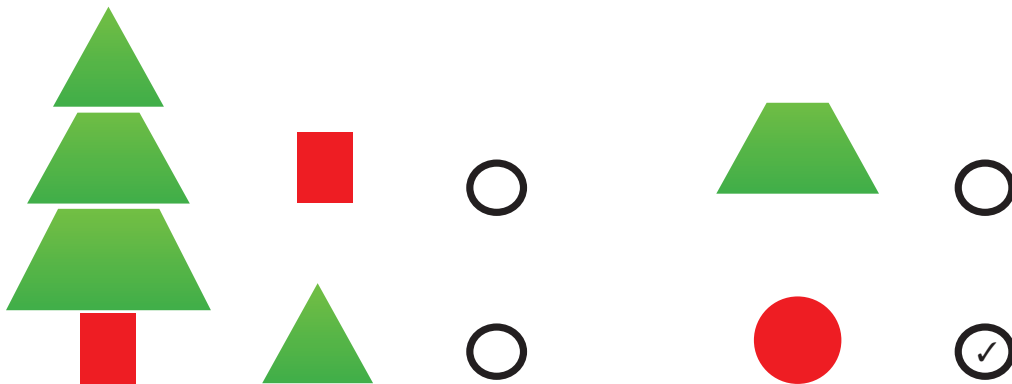
2.

Warm Up!
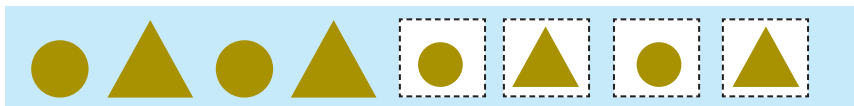
1. b   2. b

Rapid Fire

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

Evaluation Time

1. a. It has 1 curved side.
    b. A set of letters arranged from left to right makes a row.
2. a. 5
    b. Do it yourself.

Activity Time

8. Introduction to Artificial Intelligence
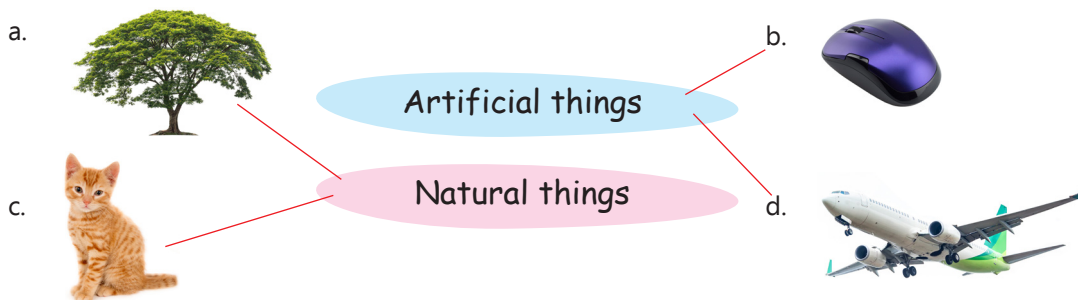

1. a   2. a

Rapid Fire

1. a. (i)　　　　b. (iii)　　　　c. (i)

2. a. T　　　　b. T　　　　c. F

3. a.

Artificial things

Natural things

b.

c.

d.

Evaluation Time

1. a. Natural things　　　b. Aibo

2. a. Aibo　　　b. With the help of artificial intelligent machines.

Activity Time

✓ Bark　　　✓ Identify people　　　◯ Cook
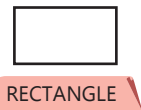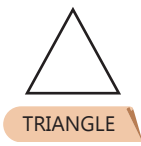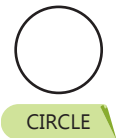
✓ Play　　　◯ Sleep　　　◯ Read

In The Lab

Do it yourself.

Periodic Assessment 4

(Based on chapters 7 & 8)

A.

TRIANGLE

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

RECTANGLE

CIRCLE
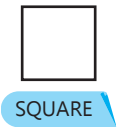
B.

- ✓ Lift
- ◯ Sleep
- ◯ Walk
- ◯ Eat
- ✓ Pack
- ◯ Bath

C. 1.

Ⓐ

2.

Ⓝ

3.

Ⓝ

4.

Ⓐ

Test Sheet 2

(Based on chapters 5 to 8)

1. a. (iii)   b. Brush and Pencil   c. (i)
    d. (ii)   e. (i)
2. a. colours   b. drawing canvas   c. help area
3. a. Shapes tool
    b. It has 1 curved side.
4. a. The two parts of Tux Paint window are Toolbox and Selector Pane.
    b. A set of letters arranged from left to right makes a row.