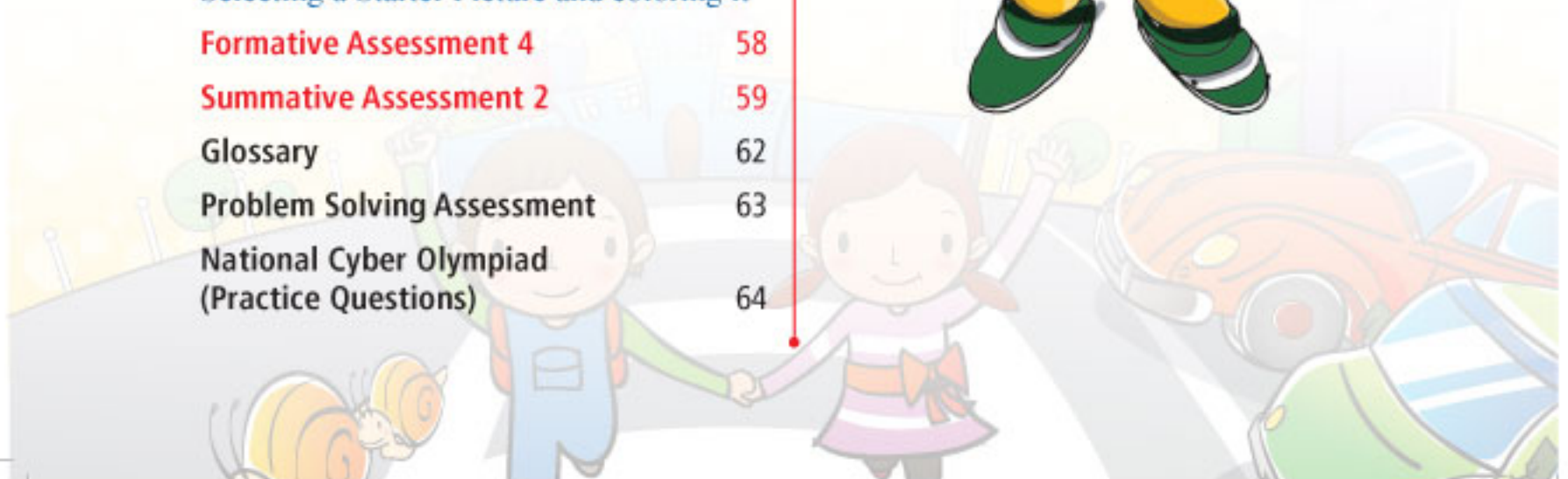




# CONTENTS



1. I am Smart	5	International Informatics Olympiad (Practice Questions)	65
What is a Machine?		A Story About Mobile Phones	67
What is a Computer?		Projects and Lab Activities	68
2. I am your friend	11		
Where are computers used?			
The uses of computers			
<b>Formative Assessment 1</b>	<b>17</b>		
3. Parts of my body	18		
The 4 parts of a computer and their functions			
<b>Formative Assessment 2</b>	<b>22</b>		
<b>Summative Assessment 1</b>	<b>23</b>		
4. Fun with the Keyboard	26		
Alphabet keys, Number keys, Enter key, Arrow keys, Backspace key, Delete key			
5. Fun with the Mouse	33		
Parts of a mouse, Holding the mouse correctly, The mouse pointer, Click, double-click, drag and drop			
<b>Formative Assessment 3</b>	<b>41</b>		
6. Fun with MS Paint	42		
Start Paint, Parts of a screen, Using colors, Shape Tools			
7. Fun with Tux Paint	49		
Start Tux Paint, Parts of a screen, Selecting a Starter Picture and coloring it			
<b>Formative Assessment 4</b>	<b>58</b>		
<b>Summative Assessment 2</b>	<b>59</b>		
Glossary	62		
Problem Solving Assessment	63		
National Cyber Olympiad (Practice Questions)	64		





### In this chapter

- The 4 parts of a computer and their functions

We learnt that the computer is a very useful machine. Now come with me as I explore the parts of the computer.



### Rewind

Put a tick mark on what a computer can do:

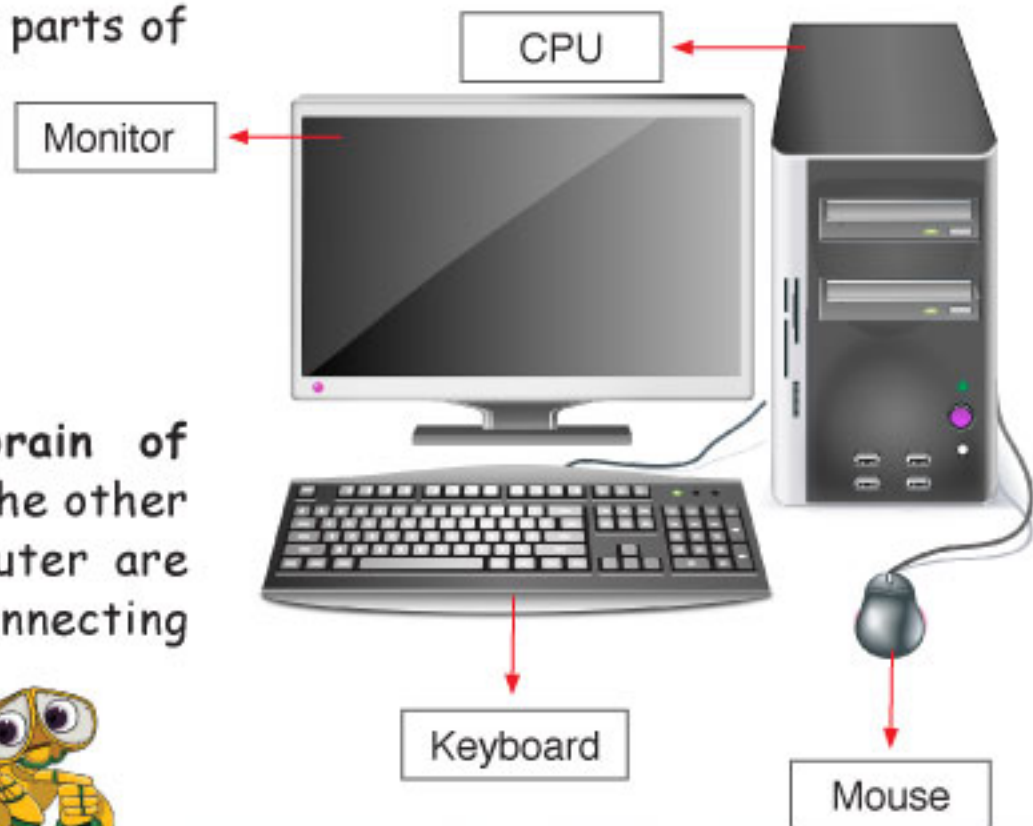
- |                                |                                     |                                       |
|--------------------------------|-------------------------------------|---------------------------------------|
| <input type="checkbox"/> Paint | <input type="checkbox"/> Solve Sums | <input type="checkbox"/> Type letters |
| <input type="checkbox"/> Dance | <input type="checkbox"/> Play games | <input type="checkbox"/> Play movies  |

So you know that a computer can do so many things. But do you know what the parts of the computer are?

There are four main parts of a computer.

- Monitor
- Mouse
- Keyboard
- CPU

The **CPU** is the **brain of the computer**. All the other parts of the computer are linked to it with connecting wires.







**Geek Rule** Do not touch the monitor with wet or dirty hands. To clean the monitor use a soft cloth only.

Hi! I am the monitor!



The **MONITOR** displays pictures, letters and numbers like a **TV screen**. We can see all the information that is saved on the computer, on our screen. Just like we can adjust the brightness of our TV screens, we can adjust the brightness of our Monitor too.

Monitors can be of three types.



CRT



LCD



LED

The **MOUSE** helps us to **point** to and **select** things on the Monitor screen. Doesn't it look like a little mouse?



Look at the monitor on your home computer. What type of monitor is it?

The **KEYBOARD** has keys that we use to type letters and numbers. We can type anything we want. Some keyboards have many keys and some keyboards like the laptop keyboards have fewer keys.



DESKTOP KEYBOARD



LAPTOP KEYBOARD

### Progress Bar

Match the following:

- |          |   |                                 |
|----------|---|---------------------------------|
| CPU      | • | • Point and select              |
| Monitor  | • | • Type letters and numbers      |
| Mouse    | • | • The Brain of the Computer     |
| Keyboard | • | • The TV screen of the computer |



Go to the Lab and see the parts of the computer, and then label the diagram below.



### Update

In a Laptop the CPU, Monitor, Keyboard and Mouse are found in one single unit.





## Megabytes


- ❖ The 4 main parts of the computer are the CPU, Monitor, Mouse and Keyboard.
- ❖ The CPU is the brain of the computer.
- ❖ The Monitor is the TV screen of the computer.
- ❖ The Mouse helps us to point and select objects on the screen.
- ❖ The Keyboard has keys that help us to type letters and numbers.

**Vocabulary:** Monitor, CPU, Mouse, Keyboard

### Exercise

#### I. Fill in the blanks with the words in the box:

four      monitor      three      point      brain

1. The ..... is like the TV screen of the computer.
2. There are ..... main parts of a computer.
3. The mouse helps us to ..... things on the computer screen.
-  4. The CPU is called the ..... of the computer.
5. There are mainly ..... types of monitors.

#### II. Complete the Crossword

##### ACROSS

3. The brain of the computer.
4. You can type letters and numbers using this.

##### DOWN

1. The TV screen of the computer.
2. This helps you to point and select things on the screen.

