

COMPUTER

A WONDER MACHINE

Aligned
with
NEP

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SULTAN CHAND & SONS (P) LTD

Educational Publishers

4859/24, Darya Ganj, New Delhi-110 002

Phones : 4354 6000 (100 Lines), 2324 3939

Fax : (011) 4354 6004, 2325 4295

E-mail : scs@sultanchandebbooks.com

Buy books online at : www.sultan-chand.com

ISBN: 978-81-19446-33-9

First Published 2007

Eighth Thoroughly Revised Edition
and Nineteenth Impression 2025

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Foreword

Developments in science and technology are affecting our lives more than ever and computers have played a lead role in this. Computers have evolved at a fast pace and are used in almost every sphere of life today. It has hence become imperative for us to know the usage of computers.

The series, **Computer—A Wonder Machine**, for Classes I to VIII, has been thoroughly revised and new topics, relevant in today's time, have been introduced at different levels for the benefit of students. The series is well focused on building a strong foundation and achieving age-appropriate competencies and is designed to:

- ❖ facilitate understanding of fundamental computer operations and practices.
- ❖ develop attitudes that are value and technology-driven.
- ❖ strengthen the ability to use the latest IT environment (MS Windows 11) and latest productivity tools (MS Office 365).
- ❖ enable students to learn about artificial intelligence (AI), its uses and its impact across sectors.
- ❖ inculcate the ability to use communication tools.

The 'Learning by Doing' approach adopted in the books lays down detailed steps to navigate the students effortlessly through the learning process and motivate them to acquire mastery over computers.

Students and teachers will find this series informative and interesting. Constructive criticism and suggestions are welcome and shall be gratefully acknowledged.

AUTHOR

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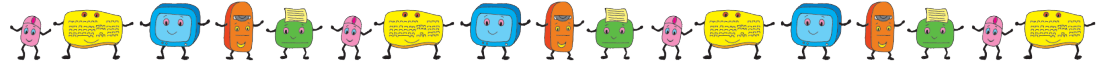
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COMPUTER—A WONDER MACHINE



Hey Bob, look I have an apple.



Berry, do you know that apple is a natural object?



No, what are natural objects?

Objects that occur naturally and not made by man are called natural objects. For example, fruits, trees, stones, mountains, animals, water, moon, sun, etc.



OK, and what are you working on?

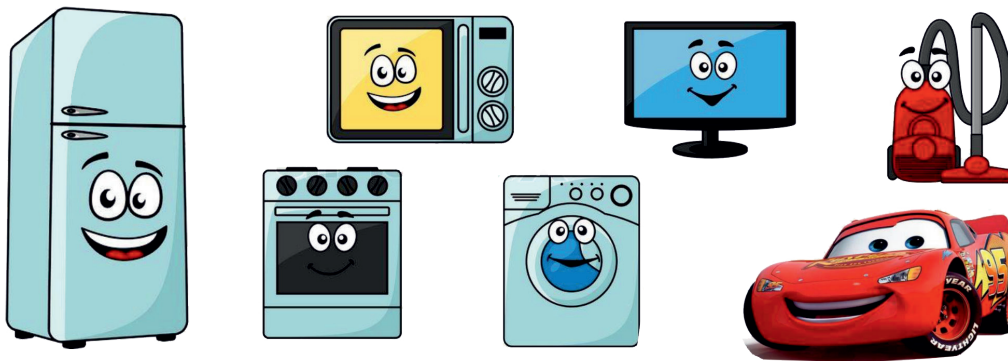


I am working on my COMPUTER. It is a man-made object.



Computer! What is a computer?

Computer is a machine that runs on electricity. Come, I will tell you more. Have you seen these machines?



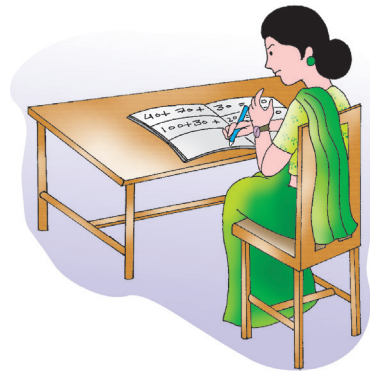
Yes, Bob. I have seen them at home. They make our work easy.

Sure, because they work very fast.

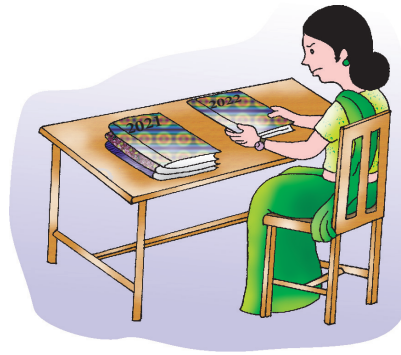
Here is a story of two teachers. Nancy worked on computer. Mary did not use computer.



A computer helps us to work very fast.



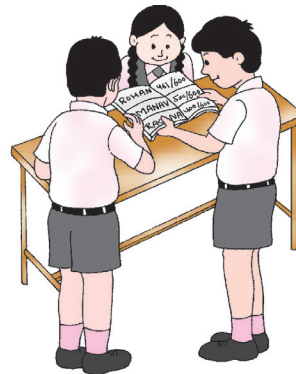
A computer does not make mistakes.



A computer stores our information in its memory.



A computer does not get tired or bored.



A computer keeps our work safe and secure.

Info Power: Computers should be turned off at night. We should save electricity.

Be Wise Be Nice: Where there is a will there is a way.

Now you know

- A computer makes our work easy.
- A computer works very fast.
- A computer does not make any mistake.
- A computer stores information in its memory.
- A computer does not get tired.
- A computer keeps our work safe and secure.



Exercise

1. Color the box green if the object is natural and red if the object is man-made.

(a)



(b)



(c)



(d)



(e)



2. Pick out the features of a computer and write them on the monitor. Write the remaining features on the notebook.

Makes work easy

Slow

Fast

Gets tired and bored

Makes mistakes

Has memory

Does not get tired

Keeps data secure



3. Tick (✓) the correct option:

- (a) Computer is a _____.
(i) machine (ii) car
- (b) Computer works very _____.
(i) slow (ii) fast
- (c) Computer stores information in _____.
(i) notebook (ii) memory
- (d) Computer makes our work _____.
(i) difficult (ii) easy
- (e) Computer keeps our data _____.
(i) secure (ii) insecure

4. Put a smiley (😊) for the correct sentences and a frown (😞) for the incorrect sentences.

- (a) Machines make our work easy. 😊
- (b) A computer always makes mistakes. 😞
- (c) A computer does not get tired. 😊
- (d) A computer is safe and secure. 😊
- (e) A computer is an electronic machine. 😊

5. Group discussion:

Name the places where you have seen computers and discuss their uses in those places.