

# ARMY PUBLIC SCHOOL GOPALPUR

## SPLIT UP SYLLABUS (2020-21)

CLASS:IV SUBJECT: COMPUTER

MONTH : APRIL

NO. OF DAYS:23

NO. OF PERIODS:07

TOPIC : Ln-01 : HISTORY OF COMPUTER

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
→Concept of counting →Early calculating devices →Abacus, Napier's Bone, Pascaline, Leibniz Calculator →Babbage's Analytical Engine →Tabulating Machine, Mark-I → ENIAC, UNIVAC, PC	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to watch different kinds of videos of above topic. →Parents are encourage children to collect more information about history of computer.  →Parents will help the children to read more about Early Calculating devices and their uses..	→Understanding early counting system.  → Understanding mechanism of Electro-Mechanical computer  → To know about more examples of Personal computers.

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CLASS:IV SUBJECT: COMPUTER

MONTH : JUNE

NO. OF DAYS:09

NO. OF PERIODS:03

### TOPIC :Ln-2: CLASSIFICATION OF COMPUTERS

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
<p>→Analog, Digital and Hybrid computer</p> <p>→ Super, Mainframe, Mini, Micro computers</p> <p>→Desktop, Notebook, Mobile devices – Smartphone, tablet PC</p>	<p>Lecture cum Demonstration method</p>	<p>Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen</p>	<p>→Parents will help the children to use different gadgets like Laptop, Digital Wrist watch, calculator, Smart Phone, table Pc, E-book reader, Smart Watch</p> <p>→Parents are encourage children to use education related learning Apps .</p>	<p>→Understanding early counting system.</p> <p>→ Understanding mechanism of Electro-Mechanical computer</p> <p>→ To know about more examples of Personal computers.</p>

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CLASS:IV SUBJECT: COMPUTER

MONTH : JULY

NO. OF DAYS:25

NO. OF PERIODS: 09

TOPIC :Ln-3: INSIDE THE SYSTEM UNIT

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
→System Unit →Components Inside the System Unit → Motherboard, CPU,RAM →Disk drive, Power supply , ports	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to show basic electronic components of computer in the market.	→Understanding basic components of system unit  →Understanding howall the components are connected to make a computer system.  → To know starting and shut down the computer

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## SPLIT UP SYLLABUS (2020-21)

CLASS:IV SUBJECT: COMPUTER

MONTH : AUGUST

NO. OF DAYS:23

NO. OF PERIODS: 07

TOPIC :Ln-4: COMPUTER MEMORY

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
→Computer Memory → Primary Memory – RAM & ROM → Secondary Memory	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to use show various memory device like pen drive, memory card used in mobile phone, computer etc.  → They will also encourage use of memory units like GB, TB, MB, KB	→Understanding computer memory and its units.  → Understanding use of RAM and ROM memory Chip  → To know about various secondary memories used in computer.

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## SPLIT UP SYLLABUS (2020-21)

CLASS:IV SUBJECT: COMPUTER

MONTH : SEPTEMBER

NO. OF DAYS:16

NO. OF PERIODS: 05

TOPIC :Ln-4: KNOWING WINDOWS 7

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
<p>→ Starting Windows 7 , Start menu, Program window, max,min,resize and close window → Show desktop using Aero peek and shut down windows 7</p> <p>Revision for MTT</p>	<p>Lecture cum Demonstration method</p>	<p>Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen</p>	<p>→Parents will encourage children to operate windows 7 operating system and help them to use different computer gadgets.</p> <p>→Parents will prepare their wards for MTT exam</p>	<p>→Understanding how to start and shut down the computer</p> <p>→ Understanding basic components of computer</p> <p>→ To know use Aero peek , screen saver, date and time setting option etc, in windows operating system.</p>

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## SPLIT UP SYLLABUS (2020-21)

CLASS:IV SUBJECT: COMPUTER

MONTH : OCTOBER

NO. OF DAYS:19

NO. OF PERIODS:07

TOPIC :Ln-5: PERSONALIZING WINDOWS 7

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
→Opening Personalization Window → Changing desktop background →setting screen saver, adding & removing gadget on the desktop → Apply theme	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to use different puzzle games in computer.	→Understanding basic personalization setting in computer.  →Understanding how to set wallpaper, screen saver, solving puzzle games etc.

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## SPLIT UP SYLLABUS (2020-21)

CLASS:IV SUBJECT: COMPUTER

MONTH : NOVEMBER

NO. OF DAYS:24

NO. OF PERIODS:08

TOPIC :Ln-6: WORD PROCESSOR

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
→What is Word Processor ? → types of Word processor →about Microsoft Word 2010 →starting Word 2010, word window, creating new document →entering text , saving document	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to use MSWord 2010.  →Parents are encourage children to type simple stories in MS Word.	→Understanding how to start MS Word 2010.  →Understanding how to create a document, saving and closing a document.

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## SPLIT UP SYLLABUS (2020-21)

**CLASS:IV    SUBJECT: COMPUTER**

**MONTH : DECEMBER**

**NO. OF DAYS:18**

**NO. OF PERIODS:06**

**TOPIC :Ln-7: WORKING WITH WORD**

<b>SUB- TOPICS</b>	<b>METHODOLOGY</b>	<b>TEACHING LEARNING MATERIALS/AIDS</b>	<b>INTERFACE</b>	<b>LEARNING OUTCOME</b>
→Selecting text, Moving & coping text →Formatting text , Changing font of the text → Changing Bold, Italic, Underline →Inserting pictures and clipart →Auto shapes, WordArt → Revision test for MTT	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to create Birthday Greeting card, New Year greeting card in MS Word.  →Parents are encourage children to make photo album in MS Word.	→Understanding how to copying and moving data.  → Understanding how toinsert pictures and clip art  →able to draw flow chat diagram in MS Word.



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MONTH : JANUARY

NO. OF DAYS:24

NO. OF PERIODS: 08

TOPIC :Ln-8:POWERPOINT

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
→ Introduction to PowerPoint, starting PowerPoint, adding slide. →running slide show, close and exit a slide show	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to use MS PowerPoint  →Parents are encourage children to make simple Presentation on any topic	→Understanding how to create PowerPoint Presentation.  → Understanding how to Clip Art , Word Art, background design  → To know animation and transition effect

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## SPLIT UP SYLLABUS (2020-21)

CLASS:IV SUBJECT: COMPUTER

MONTH : FEBRUARY

NO. OF DAYS:23

NO. OF PERIODS: 08

TOPIC :Ln-9: INTERNET

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Uses of Internet, searching information on Internet, Search Engine, popular search engines, search using Google, searching the web through browser	Lecture cum Demonstration method	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to use Google search  →Parents are encourage children to use education related learning Apps .	→Understanding use of Internet  →Understanding how to open Google search engine.

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## SPLIT UP SYLLABUS (2020-21)

**CLASS:IV    SUBJECT: COMPUTER**

**MONTH : MARCH**

**NO. OF DAYS:06**

**NO. OF PERIODS: 02**

**TOPIC :REVISION FOR FINAL EXAM**

SUB- TOPICS	METHODOLOGY	TEACHING LEARNING MATERIALS/AIDS	INTERFACE	LEARNING OUTCOME
Revision for Final Exam	Discussion	Text Book, Computer, Projector, PowerPoint Presentation, Video and Internet connection, Speaker, White Board, Marker Pen	→Parents will help the children to prepare for final examination	→They can able to appear final examination

MR B.BALARAM REDDY (TGT COMP)



