

# **ARMY PUBLIC SCHOOL GOPALPUR**

**SPLIT UP SYLLABUS (2020-21)**

**CLASS: II    SUBJECT: COMPUTER**

**MONTH    :    APRIL**

**NO. OF PERIODS:08**

**TOPIC     :LN-01 :Computer and its type**

<b>SUB- TOPICS</b>	<b>METHODOLOGY</b>	<b>TEACHING LEARNING MATERIALS/AIDS</b>	<b>INTERFACE</b>	<b>LEARNING OUTCOME</b>
<ul style="list-style-type: none"><li>• What is Computer?</li><li>• Types of Computer</li></ul>	<ul style="list-style-type: none"><li>• Demonstration Method</li></ul>	<ul style="list-style-type: none"><li>• Laptop</li><li>• Tablet pc</li><li>• Smart Phone</li></ul>	<ul style="list-style-type: none"><li>• We will motivate parents to show Desktop Computer, laptop, Tablet pc and Smart Phone.</li></ul>	Students will able to identify different types of computers.

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**MONTH    : June**

**NO. OF PERIODS:08**

**TOPIC     :Ln-02 :Uses of Computers**

<b>SUB- TOPICS</b>	<b>METHODOLOGY</b>	<b>TEACHING LEARNING MATERIALS/AIDS</b>	<b>INTERFACE</b>	<b>LEARNING OUTCOME</b>
<ul style="list-style-type: none"><li>• Uses of computers in Schools, in Office, in bank, at Home, at Railway Station and Airport, in Hospital, in Entertainment, in designing, in Defence and Research.</li></ul>	<ul style="list-style-type: none"><li>• Lecture-cum-demonstration</li></ul>	<ul style="list-style-type: none"><li>• Visit Library</li><li>• Visit School Office</li><li>• Computer Lab</li></ul>	<ul style="list-style-type: none"><li>• We will motivate parents to take their wards to different public places and show the uses of computer like banks and Railway station.</li></ul>	<ul style="list-style-type: none"><li>• Students will be able to understand the importance of computers in different fields for different purpose.</li></ul>

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**MONTH    :    July**

**NO. OF PERIODS:08**

**TOPIC     :Ln-03 : Man Versus Computer**

<b>SUB- TOPICS</b>	<b>METHODOLOGY</b>	<b>TEACHING LEARNING MATERIALS/AIDS</b>	<b>INTERFACE</b>	<b>LEARNING OUTCOME</b>
<ul style="list-style-type: none"><li>• Difference between a man and a computer</li></ul>	<ul style="list-style-type: none"><li>• Demonstration Method</li></ul>	<ul style="list-style-type: none"><li>• Comparison chart between a man and a computer.</li></ul>	<ul style="list-style-type: none"><li>• .We will motivate parents to discuss how a man is still better than a computer.</li></ul>	<p>The students will be able to understand the difference between a man and a computer.</p>

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**MONTH    : August**

**NO. OF PERIODS:08**

**TOPIC     :Ln-04 : Keyboard**

<b>SUB- TOPICS</b>	<b>METHODOLOGY</b>	<b>TEACHING LEARNING MATERIALS/AIDS</b>	<b>INTERFACE</b>	<b>LEARNING OUTCOME</b>
<ul style="list-style-type: none"><li>• Keyboard</li><li>• Alphabet Keys</li><li>• Number Keys</li><li>• Function Keys</li><li>• Symbol Keys</li><li>• Arrow Keys</li><li>• Special Keys</li></ul>	<ul style="list-style-type: none"><li>• Demonstration Method</li></ul>	<ul style="list-style-type: none"><li>• Model of the keyboard</li></ul>	<ul style="list-style-type: none"><li>• .We will encourage parents to show desktop computer and keyboard.</li></ul>	<p>The students will able to understand the functions of different keys in keyboard.</p>

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**MONTH: September**

**TOPIC : LESSON: 5 (Monitor)**

**NO. OF PERIODS: 7**

SUB TOPICS	TEACHING LEARNING MATERIALS/ AIDS	METHODOLOGY	INTERFACE	LEARNING OUTCOME
<ul style="list-style-type: none"><li>• Features of a monitor</li><li>• Types of monitor</li><li>• Uses of monitor</li></ul>	<ul style="list-style-type: none"><li>• Computer lab</li></ul>	<ul style="list-style-type: none"><li>• Lecture – cum demonstration method</li><li>• Interactive method</li></ul>	<ul style="list-style-type: none"><li>• We will motivate parents to tell the difference between monitor and television</li></ul>	<ul style="list-style-type: none"><li>• The students will be able to understand the types of monitors.</li><li>• Learned the uses of monitor.</li><li>• Able to compare the difference between monitor and television.</li></ul>

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**MONTH: October**

**TOPIC : LESSON: 6 (Input And Output Devices)**

**NO. OF PERIODS: 7**

SUB TOPICS	TEACHING LEARNING MATERIALS/ AIDS	METHODOLOGY	INTERFACE	LEARNING OUTCOME
<ul style="list-style-type: none"><li>• Input devices</li><li>• Output devices</li><li>• Input-process-output</li></ul>	<ul style="list-style-type: none"><li>• Mouse</li><li>• Keyboard</li><li>• Web camera</li><li>• Speakers</li><li>• Microphone</li><li>• Computer lab</li></ul>	<ul style="list-style-type: none"><li>• Lecture – cum demonstration method</li><li>• Interactive method</li></ul>	<ul style="list-style-type: none"><li>• We will motivate parents to discuss about input and output devices present in your surroundings.</li></ul>	<ul style="list-style-type: none"><li>• The students will be able to identify the difference between input and output devices.</li><li>• Understood the working principle of computer (input-processing-output)</li></ul>

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**MONTH: November**

**TOPIC : LESSON: 7 (Notepad And Calculator)**

**NO. OF PERIODS: 7**

SUB TOPICS	TEACHING LEARNING MATERIALS/ AIDS	METHODOLOGY	INTERFACE	LEARNING OUTCOME
<ul style="list-style-type: none"><li>• Starting Notepad</li><li>• Entering text in Notepad</li><li>• Saving the Document in Notepad</li><li>• Starting Calculator</li><li>• Using Calculator</li></ul>	<ul style="list-style-type: none"><li>• Computer lab</li><li>• Calculator</li></ul>	<ul style="list-style-type: none"><li>• Lecture – cum demonstration method</li><li>• Interactive method</li></ul>	<ul style="list-style-type: none"><li>• We will motivate parents to discuss about starting and using of calculator</li><li>• Discuss how to open, type and save in Notepad.</li></ul>	<ul style="list-style-type: none"><li>• The students will able to understand the uses of Notepad (Text Editor ) and calculator.</li><li>• Learned how to save a text in Notepad.</li></ul>

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**MONTH: December & January**

**TOPIC : LESSON: 8 (Storage Devices)**

**NO. OF PERIODS: 7**

SUB TOPICS	TEACHING LEARNING MATERIALS/ AIDS	METHODOLOGY	INTERFACE	LEARNING OUTCOME
<ul style="list-style-type: none"><li>Storage Devices-</li><li>Hard Dick</li><li>CD-ROM</li><li>DVD</li><li>Pen Drive</li></ul>	<ul style="list-style-type: none"><li>DVD</li><li>CD-ROM</li><li>Pen Drive</li><li>Hard Disk</li></ul>	<ul style="list-style-type: none"><li>Lecture – cum demonstratio n method</li><li>Interactive method</li></ul>	<ul style="list-style-type: none"><li>We will motivate parents to discuss about Difference between computer storage devices and house storage places.</li></ul>	<ul style="list-style-type: none"><li>The students will able to understand how to store our work in computer for future use.</li><li>Learned about smallest and popular storage device.</li><li>Learned about main storage device.</li></ul>



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**MONTH: February**

**TOPIC : LESSON: 9 (Fun with MS-Paint)**

**NO. OF PERIODS: 7**

SUB TOPICS	TEACHING LEARNING MATERIALS/ AIDS	METHODOLOGY	INTERFACE	LEARNING OUTCOME
<ul style="list-style-type: none"><li>• Types of tools in MS –Paint</li><li>• Saving Image</li><li>• Opening Image</li></ul>	<ul style="list-style-type: none"><li>• Computer lab</li></ul>	<ul style="list-style-type: none"><li>• Interactive method</li><li>• Activity method</li><li>• Demonstrative method</li></ul>	<ul style="list-style-type: none"><li>• We will motivate parents to discuss about normal paint and MS-Paint in computers</li><li>• About the tools we use in MS –Paint for drawing</li></ul>	<ul style="list-style-type: none"><li>• The students will be able to understand the proper use of MS-Paint to draw different shapes and figures.</li></ul>