



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution  
27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019



TERM: FIRST

TEACHER'S NAME: PHALGUNI PRAMANIK

Syllabus planning for the academic year 2020

Subject: COMPUTER SCIENCE

CLASS: VII

SECTION: A, B, C

No. of working days: 88

No. of periods available: 24

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	7	1. ABOUT A COMPUTER	<ul style="list-style-type: none"> <li>DEVELOPMENT OF A COMPUTER</li> <li>HOW A COMPUTER WORKS</li> <li>COMPUTER LANGUAGES</li> </ul>	<ul style="list-style-type: none"> <li>OBJECTIVE TYPE QUESTIONS</li> <li>DEVELOPMENT OF COMPUTERS</li> <li>DIFFERENT GENERATIONS</li> </ul>	<ul style="list-style-type: none"> <li>NOTES ON HARDWARE &amp; SOFTWARE</li> <li>STAGES OF A COMPUTER</li> <li>BINARY-DECIMAL CONVERSION</li> </ul>
FEBRUARY	8	2. FORMULAE & FUNCTIONS OF MS EXCEL	<ul style="list-style-type: none"> <li>CELL &amp; RANGE REFERENCES</li> <li>FORMULAE</li> <li>FUNCTIONS</li> <li>CHARTS</li> </ul>	<ul style="list-style-type: none"> <li>OBJECTIVE TYPE QUESTIONS</li> <li>CHARTS, CONCATENATION</li> </ul>	<ul style="list-style-type: none"> <li>PRACTICAL CLASSES ON MS EXCEL</li> <li>CELL &amp; RANGE REFERENCES</li> </ul>
MARCH	8	3. MS EXCEL WORKING WITH DATA	<ul style="list-style-type: none"> <li>SORTING DATA</li> <li>FILTERING DATA</li> <li>CHARTS</li> </ul>	<ul style="list-style-type: none"> <li>OBJECTIVE TYPE QUESTIONS</li> <li>ADVANCED FILTER</li> </ul>	<ul style="list-style-type: none"> <li>PRACTICAL CLASSES ON MS EXCEL EXAM</li> <li>CHART LAYOUT, AUTO FILTER</li> </ul>
FIRST TERM SYLLABUS: CHAPTER: 1, 2, 3			PRACTICAL SYLLABUS: MS EXCEL (20.03.2020 - 28.03.2020)		
APRIL	1	EXAM 1 <sup>st</sup> TERM BEGINS REVISION	REVISION	REVISION	REVISION

Teachers are requested to prepare a LESSON PLAN for each topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Signature of Teacher: *Phalguni* 28/01/20

Submitted on: 28.01.2020

Academic Coordinator: *[Signature]* 31/1/2020

PRINCIPAL

VICE PRINCIPAL

*[Signature]*  
30/2/2020



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution  
27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019



Syllabus planning for the academic year 2020

No. of working days: 70

TERM: SECOND & THIRD

Subject: COMPUTER SCIENCE

No. of periods available: 16

CLASS: VII

TEACHER'S NAME: PHALGUNI PRAMANIK

SECTION: A, B, C

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	2	10. HTML	<ul style="list-style-type: none"> <li>HTML TAGS</li> <li>CHANGING FONT, ATTRIBUTES &amp; BACKGROUND COLOUR</li> <li>HTML DOCUMENT STRUCTURE</li> <li>FORMATTING TEXT</li> </ul>	<ul style="list-style-type: none"> <li>HTML TAGS</li> <li>CHANGING FONT, ATTRIBUTES &amp; BACKGROUND COLOUR</li> <li>OBJECTIVE TYPE QUESTIONS</li> <li>DIFFERENT TAGS IN HTML</li> </ul>	<ul style="list-style-type: none"> <li>REGULAR PRACTICE ON DIFFERENT FORMATTING TYPES IN THE PRACTICAL CLASSES</li> <li>LAB ACTIVITY: HTML</li> </ul>
JUNE	4	4. THE INTERNET	<ul style="list-style-type: none"> <li>HARDWARE DEVICES</li> <li>NETWORK</li> <li>INTERNET PROTOCOL &amp; ADDRESS</li> <li>COMPUTER VIRUS &amp; ANTI VIRUS</li> </ul>	<ul style="list-style-type: none"> <li>OBJECTIVE TYPE QUESTIONS</li> <li>SORTING, FILTERING DATA</li> </ul>	<ul style="list-style-type: none"> <li>NOTES ON TYPES OF NETWORK &amp; HARDWARE INTERFACE DEVICES</li> <li>IDEA OF PROTOCOLS</li> <li>TYPES OF VIRUSES</li> <li>WORKING WITH ANTI VIRUS PROGRAMS</li> </ul>
JULY	6	5. DATA TRANSFER	<ul style="list-style-type: none"> <li>SAVING FILES ON A PEN DRIVE</li> <li>SAVING FILES ON A CD</li> </ul>	<ul style="list-style-type: none"> <li>OBJECTIVE TYPE QUESTIONS</li> <li>ANTI VIRUS PROGRAMS</li> </ul>	<ul style="list-style-type: none"> <li>CD BURNING SOFTWARE</li> <li>LAB ACTIVITY: HTML</li> </ul>
SECOND TERM SYLLABUS: CHAPTER: 4, 5, 10			PRACTICAL SYLLABUS: HTML (13.07.2020 - 17.07.2020)		
AUGUST	4	EXAM (2 <sup>nd</sup> TERM BEGINS) 6. QBASIC	<ul style="list-style-type: none"> <li>OPENING QBASIC &amp; USING COMMANDS</li> <li>OPERATORS</li> </ul>	<ul style="list-style-type: none"> <li>OBJECTIVE TYPE QUESTIONS</li> <li>INPUT, GOTO &amp; IF-THEN-ELSE COMMANDS</li> </ul>	<ul style="list-style-type: none"> <li>RELATIONAL OPERATORS</li> <li>LOGICAL OPERATORS</li> <li>LAB ACTIVITY: QBASIC</li> </ul>

Teachers are requested to prepare a LESSON PLAN for each topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Signature of Teacher: *Phalguni 28/01/20*

PRINCIPAL

Submitted on: 28.01.2020  
Academic Coordinator: *MW 28/1/2020*

VICE PRINCIPAL

*Phalguni 28/1/2020*



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution  
27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019



TERM: THIRD

TEACHER'S NAME: PHALGUNI PRAMANIK

Syllabus planning for the academic year 2020

Subject: COMPUTER SCIENCE

CLASS: VII

SECTION: A, B, C

No. of working days: 58

No. of periods available: 16

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	8	7. QBASIC LOOPS	<ul style="list-style-type: none"> <li>WHAT IS LOOPING</li> <li>FOR-NEXT LOOP</li> <li>DO-WHILE LOOP</li> </ul>	<ul style="list-style-type: none"> <li>OBJECTIVE TYPE QUESTIONS</li> <li>NESTED LOOPS</li> <li>SYNTAX</li> </ul>	<ul style="list-style-type: none"> <li>PROGRAMS ON QBASIC</li> <li>LAB ACVITY: QBASIC</li> </ul>
OCTOBER	5	8. PHOTOSHOP: BASIC	<ul style="list-style-type: none"> <li>STARTING PHOTOSHOP</li> <li>PHOTOSHOP TOOLBOX</li> </ul>	<ul style="list-style-type: none"> <li>OBJECTIVE TYPE QUESTIONS</li> <li>WORKING WITH PHOTOSHOP</li> <li>FOREGROUND &amp; BACKGROUND COLOURS</li> </ul>	<ul style="list-style-type: none"> <li>NOTES ON DIFFERENT FEATURES OF PHOTOSHOP</li> <li>THE PHOTOSHOP TOOLBOX</li> <li>DRAWING &amp; PAINTING TOOLS</li> <li>LAB ACTIVITY: QBASIC</li> </ul>
[The entire syllabus will be completed ]					
NOVEMBER	3	REVISION OF ENTIRE SYLLABUS (3 <sup>RD</sup> TERM BEGINS) EXAM	REVISION OF ENTIRE SYLLABUS	REVISION OF ENTIRE SYLLABUS	REVISION OF ENTIRE SYLLABUS

THIRD TERM SYLLABUS: ALL ABOVE-MENTIONED CHAPTERS

PRACTICAL SYLLABUS: QBASIC (3/11/2020 - 7/11/2020)

Teachers are requested to prepare a LESSON PLAN for each topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Signature of Teacher: *Phalguni 28/01/20*

Submitted on: 28.01.2020

Academic Coordinator: *[Signature]*

PRINCIPAL

VICE PRINCIPAL

*[Signature]*  
10/2/2020