# ST. LAWRENCE HIGH SCHOOL

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

FOR GOD AND COUNTRY

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|---|---|
| **TERM: FIRST & SECOND** | **TEACHER`S NAME: SOUMAK CHATTERJEE & MOUMITA MUKHERJEE** |
| Syllabus planning for the academic year 2018 | **Subject: COMPUTER SCIENCE**    **CLASS: VII**    **SECTION: ABC** |
| **No. of working days: 60** | **No. of periods available: 24** |

| MONTH | NO. OF PERIODS | LESSONS | TOPICS COVERED | HOMEWORK | CLASS WORK |
|---|---|---|---|---|---|
| JANUARY | 6 | 1. ABOUT A COMPUTER | • DEVELOPMENT OF A COMPUTER<br>• HOW A COMPUTER WORKS<br>• COMPUTER LANGUAGES | • FORMATIVE ASSESSMENT<br>• DEVELOPMENT OF COMPUTERS<br>• DIFFERENT GENERATIONS | • NOTES ON HARDWARE & SOFTWARE<br>• STAGES OF A COMPUTER<br>• BINARY-DECIMAL CONVERSION |
| FEBRUARY | 6 | 2. FORMULAE & FUNCTIONS OF MS EXCEL | • CELL & RANGE REFERENCES<br>• FORMULAE<br>• FUNCTIONS<br>• CHARTS | • FORMATIVE ASSESSMENT<br>• CHARTS, CONCATENATION | • PRACTICAL CLASSES ON MS EXECEL<br>• CELL & RANGE REFERENCES |
| MARCH | 8 | 3. MS EXCEL WORKING WITH DATA | • SORTING DATA<br>• FILTERING DATA<br>• CHARTS | • FORMATIVE ASSESSMENT<br>• ADVANCED FILTER | • PRACTICAL CLASSES ON MS EXCEL EXAM<br>• CHART LAYOUT, AUTO FILTER |
| FIRST TERM SYLLABUS: CHAPTER: 1, 2, 3      PRACTICAL: MS EXCEL [EXAM ON 05.03.2018] | | | | | |
| APRIL | 2ND TERM BEGINS<br><br>4 | 4. THE INTERNET | • HARDWARE DEVICES<br>• NETWORK<br>• INTERNET PRTOCOL & ADDRESS<br>• COMPUTER VIRUS & ANTI VIRUS | • FORMATIVE ASSESMENT<br>• SORTING, FILTERING DATA | • NOTES ON TYPES OF NETWORK & HARDWARE INFACE DEVICES<br>• IDEA OF PROTOCOLS<br>• TYPES OF VIRUSES<br>• WORKING WITH ANTI VIRUS PRGRAMS<br>• LAB ACTIVITY: HTML |

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.

Submitted on: 24.01.2018
Signature of Teacher: *Soumak chatterjee* ~ *Moumita Mukherjee*

ACADEMIC CO- ORDINATOR
*[signature]* 25/1/18
St. Lawrence High School

*[signature]*
VICE PRINCIPAL

PRINCIPAL

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**FOR GOD AND COUNTRY**

**TERM: SECOND & THIRD**          **TEACHER'S NAME: SOUMAK CHATTERJEE  &  MOUMITA MUKHERJEE**

Syllabus planning for the academic year 2018          **Subject: COMPUTER SCIENCE**          **CLASS: VII**          **SECTION: ABC**

**No. of working days: 57**          **No. of periods available: 22**

| MONTH | NO. OF PERIODS | LESSONS | TOPICS COVERED | HOMEWORK | CLASS WORK |
|---|---|---|---|---|---|
| MAY | 4 | 5. DATA TRANSFER | • SAVING FILES ON A PEN DRIVE<br>• SAVING FILES ON A CD | • FORMATIVE ASSESSMENT<br>• ANTI VIRUS PRGRAMS | • CD BURNING SOFTWARE<br>• LAB ACTIVITY: HTML |
| JUNE | 6 | 10. HTML | • HTML TAGS<br>• CHANGING FONT, ATTRIBUTES & BACKGROUND COLOUR | • FORMATIVE ASSESSMENT<br>• ASSIGNING HEADING & FORMATTING FONT | • HTML EDITOR<br>• CREATING A WEB PAGE<br>• FORMATTING THE PARAGRAPH<br>• LAB ACTIVITY: HTML |
| JULY | 8 | 10. HTML [CONTD.] | • HTML DOCUMENT STRUCTURE<br>• FORMATTING TEXT | • FORMATIVE ASSESSMENT<br>• DIFFERENT TAGS IN HTML | • REGULAR PRACTICE ON DIFFERENT FORMATTING TYPES IN THE PRACTICAL CLASSES<br>• LAB ACTIVITY: HTML EXAM |
| SECOND TERM SYLLABUS: CHAPTER: 4, 5, 10     REVISION CHAPTERS: 1, 2          PRACTICAL: HTML [EXAM ON 05.07.2018] | | | | | |
| AUGUST | 3RD TERM BEGINS<br><br>4 | 6. QBASIC | • OPENING QBASIC & USING COMMANDS<br>• OPERATORS | • FORMATIVE ASSESSMENT<br>• INPUT, GOTO & IF-THEN-ELSE COMMNADS | • RELATIONAL OPERATORS<br>• LOGICAL OPERATORS<br>• LAB ACTIVITY: QBASIC |

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.

**Submitted on: 24.01.2018**

Signature of Teacher: *Saumak chatterjee    Moumita Mukherjee*

ACADEMIC CO- ORDINATOR

*25/1/18*

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# ST. LAWRENCE HIGH SCHOOL

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

**FOR GOD AND COUNTRY**

**TERM: THIRD**

**TEACHER`S NAME: SOUMAK CHATTERJEE & MOUMITA MUKHERJEE**

Syllabus planning for the academic year 2018

**Subject: COMPUTER SCIENCE**

**CLASS: VII**    **SECTION: ABC**

No. of working days: 38

**No. of periods available: 14**

| MONTH | NO. OF PERIODS | LESSONS | TOPICS COVERED | HOMEWORK | CLASS WORK |
|---|---|---|---|---|---|
| SEPTEMBER | 6 | 7. QBASIC LOOPS | • WHAT IS LOOPING <br> • FOR-NEXT LOOP <br> • DO-WHILE LOOP | • FORMATIVE ASSESSMENT <br> • NESTED LOOPS <br> • SYNTAX | • PROGRAMS ON QBASIC <br> • LAB ACVITY: QBASIC |
| OCTOBER | 6 | 8. PHOTOSHOP: BASIC | • STARTING PHOTOSHOP <br> • PHOTOSHOP TOOLBOX | • FORMATIVE ASSESSMENT <br> • WORKING WITH PHOTOSHOP <br> • FOREGROUND & BACKGROUND COLOURS | • NOTES ON DIFFERENT FEATURES OF PHOTOSHOP <br> • THE PHOTOSHOP TOOLBOX <br> • DRAWING & PAINTING TOOLS <br> • LAB ACTIVITY: PHOTOSHOP EXAM |
| NOVEMBER | 2 | 9. PHOTOSHOP: ADVANCED REVISION: CHAPTER: 3, 4, 5, 10 | • USING CUSTOM SHAPE TOOLS <br> • REVISION | • NOTES ON WORKING WITH LAYERS | • USING THE FILTER MENU & TEXT TOOLS <br> • REVISION |
| THIRD TERM SYLLABUS: ALL CHAPTER          PRACTICAL: PHOTOSHOP & QBASIC [EXAM ON 14.09.2018] |||||||

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.

Submitted on: 24.01.2018

Signature of Teacher: Soumak Chatterjee, Moumita Mukherjee

ACADEMIC CO- ORDINATOR
25.1.18
St. Lawrence High School

**PRINCIPAL**

**VICE PRINCIPAL**