

BANGLADESH INTERNATIONAL SCHOOL

ENGLISH SECTION, RIYADH

SYLLABUS FOR THE ACADEMIC YEAR 2019 - 2020

FIRST TERM (1ST SEPTEMBER 2019 TO 30TH JANUARY 2020)

GRADE: 9

SUBJECT: COMPUTER

WEEK	UNIT	PAGE	TOPIC	ASSESSMENTS
01/09/2019 TO 05/09/2019	Ch-1 Binary systems and hexadecimal	12,22	Introduction ❖ The binary system ❖ Measurement of the size of computer memories	
08/09/2019 TO 12/09/2019	Ch-1 Binary systems and hexadecimal		❖ Binary to Denary conversion ❖ Denary to Binary conversion ❖ Binary to Hexadecimal	
15/09/2019 TO 19/09/2019	Ch-1 Binary systems and hexadecimal		❖ Hexadecimal to Binary ❖ Denary to hexadecimal ❖ Hexadecimal to Denary conversion	
22/09/2019 TO 26/09/2019	Ch-1 Binary systems and hexadecimal		❖ Use of the hexadecimal numbers used in computer science ❖ Convert URLs into the equivalent hexadecimal.	
23/09/2019	SAUDI NATIONAL DAY			
29/09/2019 TO 03/10/2019	Ch-1 Binary systems and hexadecimal		Computer lab ❖ Hexadecimal values used in HTML colour codes.	Assessment Ch -1
06/10/2019 TO 10/10/2019	Ch-2 Communication and internet technologies	28	❖ Data transmission ❖ Factors need to be considered when transmitting data ❖ Simplex, half duplex and full duplex modes.	
13/10/2019 TO 17/10/2019	Ch-2 Communication and internet technologies	29,33	❖ Serial and parallel transmission ❖ Parity checking Define internet, ISP, IP(internet protocol), HTML, HTTP and Web browser	
20/10/2019 TO 24/10/2019	Ch-2 Communication and internet technologies		Asynchronous and synchronous data transmission, Universal serial bus.	

27/10/2019 TO 31/10/2019	Ch-2 Communication and internet technologies		Internet technologies- ISP,IP,HTML,MAC etc.	
03/11/2019 TO 07/11/2019	Ch-2 Communication and internet technologies		HTML structure and presentation- computer lab	
10/11/2019 TO 14/11/2019	Ch-3 Logic gates and logic circuits		❖ Logic gates ❖ Truth tables	Assessment ch-2
17/11/2019 TO 21/11/2019	Ch-3 Logic gates and logic circuits		Logic circuits, Simplification of logic circuits	
24/11/2019 TO 28/11/2019	Ch-3 Logic gates and logic circuits		Using logic building blocks-NAND gate	EDUCATIONAL FIELD TRIP
01/12/2019 TO 05/12/2019	Ch-3 Logic gates and logic circuits		Worksheet- solution	
08/12/2019 TO 12/12/2019	Ch-4 Operating systems and computer architecture		What is operating system? Functions of operating system.	Assessment ch-3
15/12/2019 TO 19/12/2019	Ch-4 Operating systems and computer architecture		Show understanding of the need for interrupts and buffers	
16/12/2019	BANGLADESH VICTORY DAY			
22/12/2019 TO 26/12/2019	Ch-4 Operating systems and computer architecture		Computer architecture, Von Neumann architecture, stored program concept.	
29/12/2019 TO 02/01/2020	REVISION – CHAPTERS 1,2,3,4			
05/01/2020 TO 23/01/2020	FIRST SEMESTER EXAMINATION 2019 – 2020			
26/01/2020 TO 30/01/2020	PAPER REVIEW & REPORT CARD DAY			
31/01/2020 TO 08/02/2020	MID TERM BREAK			

BANGLADESH INTERNATIONAL SCHOOL

ENGLISH SECTION, RIYADH

SYLLABUS FOR THE ACADEMIC YEAR 2019 - 2020

SECOND TERM (9TH FEBRUARY 2020 TO 30TH JUNE 2020)

GRADE: 9

SUBJECT: COMPUTER

WEEK	UNIT	PAGE	TOPIC	ASSESSMENTS
09/02/2020 TO 13/02/2020	Chapter 5 Input and output devices		Input devices-scanner, microphone, Barcode reader, QR code, Touch screens.	
16/02/2020 TO 20/02/2020	Chapter 5 Input and output devices		Input devices -digital cameras , keyboards , pointing devices (such as a mouse) , microphones, interactive whiteboards	
21/02/2020	INTERNATIONAL MOTHER LANGUAGE DAY & BOOK FAIR			
23/02/2020 TO 27/02/2020	Chapter 5 Input and output devices		Input devices - Sensors and its applications	SPORTS WEEK
01/03/2020 TO 05/03/2020	Chapter 5 Input and output devices		The output devices: • inkjet printers • laser printers • 3D printers	
08/03/2020 TO 12/03/2020	Chapter 5 Input and output devices		• 2D/3D cutters • actuators • loudspeakers	
15/03/2020 TO 19/03/2020	Chapter 5 Input and output devices		• LCD/LED monitors • projectors (LCD and DLP)	
17/03/2019	CHILDREN'S DAY(BIRTH ANNIVERSARY OF FATHER OF NATION			
22/03/2020 TO 26/03/2020	Chapter 6 Memory and data storage		❖ File formats, lossy and lossless file compresiiion	
26/03/2020	BANGLADESH INDEPENDENCE DAY			
29/03/2020 TO 02/04/2020	Chapter 6 Memory and data storage		❖ Primary memory , secondary storage , off-line storage. ❖ The storage of data, memory- RAM,ROM	SECOND SEMESTER ASSESSMENT & IGCSE & AS/AL MOCK EXAMS
05/04/2020 TO 09/04/2020	Chapter 6 Memory and data storage		Optical storage devices- CD, DVD, blue ray disc etc	
12/04/2020 TO 16/04/2020	Chapter 6 Memory and data storage		Solid state devices- Memory card, pen drive etc.	IGCSE & AS/AL MOCK EXAMS

14/04/2020	BENGALI NEW YEAR			
19/04/2020 TO 23/04/2020	Chapter 7 High- and low-level languages		Programming languages- High level language, low level language and assembly language	AS/AL MOCK EXAMS
26/04/2020 TO 30/04/2020	Chapter 10 Flowchart		Uses of Flowchart symbols , Trace table	
03/05/2020 TO 07/05/2020	Chapter 10 Flowchart		Flowchart- solved problems	
10/05/2020 TO 14/05/2020	Chapter 10 Flowchart		Flowchart- solved problems	
17/05/2020 TO 30/05/2020	RAMADHAN HOLIDAYS			
31/05/2019	SCHOOL REOPENS AFTER RAMADHAN HOLIDAYS			
31/05/2020 TO 04/06/2020	REVISION CH 4,5,6 ,7,8			
07/06/2020 TO 22/06/2020	SECOND SEMESTER EXAMINATION 2019 – 2020			
25/06/2020	PAPER REVIEW DAY			
29/06/2020	REPORT CARD REVIEW DAY			
01/07/2020	SUMMER HOLIDAYS STARTS			
BEGINNING OF NEW ACADEMIC YEAR 2020 - 2021				