

BANGLADESH INTERNATIONAL SCHOOL

ENGLISH SECTION, RIYADH

SYLLABUS FOR THE ACADEMIC YEAR 2019 - 2020

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

GRADE: 10

SUBJECT : PHYSICS

WEEK	UNIT	TOPIC	ASSESSMENTS
01/09/2019 TO 05/09/2019	Atomic physics	Atomic structure, Nucleus, Nuclide, Isotopes, Atomic number , Mass number, nuclide and use the nuclide notation	
08/09/2019 TO 12/09/2019	Atomic Physics / Radioactivity	Rutherford's nuclear model , Nuclear fission and Fusion, Ionizing radiation, Types of radiation, characteristics of three kinds of radiation	
15/09/2019 TO 19/09/2019	Radioactivity	Effect of electric and magnetic field Radioactive decay, Background radiation, G-M tube, Random nature of radioactivity	Class test
22/09/2019 TO 26/09/2019	Radioactivity	Rate of decay, Half-life, Decay curve, Safety precautions	
23/09/2019	SAUDI NATIONAL DAY		
29/09/2019 TO 03/10/2019	Digital Electronics	Electronic system, Analogue and digital circuit, Potential divider ,Relay	
06/10/2019 TO 10/10/2019	Digital Electronics	Logic gates, Truth table, Symbol of logic gates	
13/10/2019 TO 17/10/2019	Digital Electronics	Application of logic gates, Action of NOT, AND,OR, NAND and NOR gates	
20/10/2019 TO 24/10/2019	Radioactivity / Digital Electronics	Solving past papers	Unit Test- 01
27/10/2019 TO 31/10/2019	Radioactivity / Digital Electronics	Solving past papers	
03/11/2019 TO 07/11/2019	Revision	General physics	

10/11/2019 TO 14/11/2019	Revision	General physics	Unit Test - 02
17/11/2019 TO 21/11/2019	Revision	Thermal physics	
24/11/2019 TO 28/11/2019	Revision	Wave mechanics & Magnetism	EDUCATIONAL FIELD TRIP
01/12/2019 TO 05/12/2019	Revision	Static & Current Electricity	
08/12/2019 TO 12/12/2019	Revision	Electromagnetism	
15/12/2019 TO 19/12/2019	Revision	Solving Past papers -2,4,6	
16/12/2019	BANGLADESH VICTORY DAY		
22/12/2019 TO 26/12/2019	Revision	Solving Past papers -2,4,6	
29/12/2019 TO 02/01/2020	REVISION WEEK		
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		

Prepared by : Samia Khanam

BANGLADESH INTERNATIONAL SCHOOL

ENGLISH SECTION, RIYADH

SYLLABUS FOR THE ACADEMIC YEAR 2019 - 2020

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

GRADE: 10

SUBJECT: PHYSICS

WEEK	UNIT	TOPIC	ASSESSMENTS
09/02/2020 TO 13/02/2020	General Physics	IGCSE syllabus / solving past papers	
16/02/2020 TO 20/02/2020	General Physics	IGCSE syllabus / solving past papers	
21/02/2020	INTERNATIONAL MOTHER LANGUAGE DAY & BOOK FAIR		
23/02/2020 TO 27/02/2020	Thermal Physics	IGCSE syllabus / solving past papers	SPORTS WEEK
01/03/2020 TO 05/03/2020	Thermal Physics	IGCSE syllabus / solving past papers	
08/03/2020 TO 12/03/2020	Wave Mechanics and light	IGCSE syllabus / solving past papers	
15/03/2020 TO 19/03/2020	Wave Mechanics and light	IGCSE syllabus / solving past papers	
17/03/2019	CHILDREN'S DAY(BIRTH ANNIVERSARY OF FATHER OF NATION		
22/03/2020 TO 26/03/2020	Electricity and Electromagnetism	IGCSE syllabus / solving past papers	
26/03/2020	BANGLADESH INDEPENDENCE DAY		
29/03/2020 TO 02/04/2020			IGCSE & AS/AL MOCK EXAMS
05/04/2020 TO 09/04/2020			
12/04/2020 TO 16/04/2020			IGCSE & AS/AL MOCK EXAMS
14/04/2020	BENGALI NEW YEAR		
19/04/2020 TO			

23/04/2020			
26/04/2020 TO 30/04/2020			
03/05/2020 TO 07/05/2020			
10/05/2020 TO 14/05/2020			
17/05/2020 TO 30/05/2020	RAMADHAN HOLIDAYS		
31/05/2019	SCHOOL REOPENS AFTER RAMADHAN HOLIDAYS		
31/05/2020 TO 04/06/2020			
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			

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