



Sadiq Public School

Syllabus

Class: C3

Subject: Biology

Academic Session: 2021-2022

Books Recommended: Marshall Cavendish Edition

Biology (Federal)

Details of Syllabus

S. No.	Chapter/Topic	Description
1.	Microorganisms and Biotechnology	Viruses, Bacteria, Fungi, Role of Yeast and Bacteria in Biotechnology, Fermenters, Production of Penicillin.
2.	Relationship of organisms with other organisms	Energy flow, Food chain, Food web, Trophic levels, Pyramids of energy, Carbon cycle, Nitrogen cycle.
3.	Development of organisms and continuity of life + Experiments	Sexual and asexual reproduction, Sexual reproduction in plants, sexual reproduction in humans, sexually transmitted diseases.
4.	Inheritance + Experiments	Variations, Chromosome and DNA, Monohybrid inheritance, Mutations, Selection, Genetic engineering.

Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C-3

Subject: Pak. Studies-II

Academic Session: 2021-2022

Books Recommended: Environment of Pakistan By Huma Naz Sethi

Details of Syllabus

S. No.	Chapter/Topic	Description
01	Transport and Telecommunication	Different Modes of Transport, Dry Ports, Benefits of Developing the transport system in Pakistan,
		Telecommunication, its importance, problems, and implementations in Pakistan
02	Population	Population Growth, Demographic Transition Model,
		Population Structure, Employment , Unemployment and its cause and effects on Economic Development
		Population Distribution and Population Density
		Factors affecting density and distribution of Population in Pakistan
		Migration and its types, Problems resulting from the migration
		Self-help schemes and the housing problems
03	Climate	Climatic Zones of Pakistan, Climatic Elements, Effects of Climate on life and Economic Activities of people in different regions
		Natural Hazards in Pakistan
04	Topography	Location, Relief and Drainage of different Topographical Features in Pakistan,
05	Past Papers	May-Jun (2016-2020)
06	Past Papers	Oct-Nov (2016-2020)

Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C3

Subject: URDU

Academic Session: 2021-22

Books Recommended: اردو کیمرج سلیبس بی (3248)
از عامر وحید قمر

Details of Syllabus

S. No.	Chapter/Topic	Description
P1	مضمون نویسی،	اشارات کی مدد سے الفاظ کی مقررہ حد (150) میں مضمون لکھنا
	خطوط نویسی، مکالمہ نگاری، رپورٹ نویسی، تقریر نویسی	کسی عنوان کے تحت 200 الفاظ میں خط لکھنا کسی عنوان کے تحت 200 الفاظ میں مکالمہ لکھنا کسی عنوان کے تحت 200 الفاظ میں تقریر لکھنا کسی عنوان کے تحت 200 الفاظ میں رپورٹ لکھنا
	انگریزی سے اردو ترجمہ	مختلف اقتباسات کا انگریزی سے اردو میں ترجمہ کرنا
P2	محاورات کا جملوں میں استعمال	محاورات کا مفہوم واضح کرنے کے لیے جملوں میں استعمال
	جملوں کی ساخت میں تبدیلی	جملوں کی ساخت میں تبدیلی بلحاظ زمانہ، متضاد، واحد جمع، مذکر مؤنث وغیرہ
	خالی جگہوں کی تکمیل	اقتباسات میں موجود خالی جگہوں کی دئے گئے الفاظ سے تکمیل
	تفہیم	عبارت کو پڑھ کر دئے گئے سوالات کے جواب دینا
	خلاصہ - تلخیص	دیئے گئے اقتباس کی تلخیص کرنا

Subject Teacher

Head of Department

Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C3

Subject: Business Studies

Academic Session: 2021- 2022

Books Recommended: Business Studies (Latest Edition) By Karen Borrington and Peter Stimpson

Details of Syllabus

S. No.	Chapter/Topic	Description
1	21	Business Finance: Needs and Sources
2	22	Cash Flow Forecasting and Working Capital
3	23	Income Statements
4	24	Balance Sheets
5	25	Analysis of Accounts

Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Class: C3

Subject: Chemistry

Academic Session: 2021-2022

Books Recommended: C.N Prescott and Chemistry Matters

Details of Syllabus

S. No.	Chapter/Topic	Description
1	Periodic table	Periodic trends, Group Properties, Transition elements
2	Metals	Properties of metals, Reactivity series, Extraction of metals, Iron, Aluminium
3	Atmosphere and environment	Air and Water, sources and harmful effects of pollutants
4	Organic chemistry Alkanes	Homologous series, functional groups, properties, polymerization
5	Alkenes	Structures, properties, saturated and unsaturated.
6	Alcohols	Structures, preparation of ethanol, oxidation of alcohols
7	Carboxylic acids	Structures and properties. Esters
8	Macro-molecules	Addition polymerization, condensation, proteins, Fats, carbohydrates.Nylon,terylene

SHJ
Subject Teacher

FM
Head of Department

Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C3

Subject: Economics

Academic Session: 2021-2022

Books Recommended: IGCSE and O' Level Economics (Susan Grant)

Details of Syllabus

S. No.	Chapter/Topic	Description
1	33	Poverty
2	34	Population
3	35	Difference in economic development between countries
4	36	International al specialization
5	37	Free trade and protection
6	38	Foreign exchange rates
7	39	Current account of balance of payments

Subject Teacher

Head of Department

Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C3

Subject: English

Academic Session: 2021-2022

Books Recommended: English Language (1123) Past Papers (2013-2020),

Advanced Vocabulary 3

Details of Syllabus

S. No.	Chapter/Topic	Description
1	Past Papers	Directed Writing
2	1123 / 11 – 12	Composition
3	Past Papers	Reading , Comprehension
4	1123 / 21 – 22	Passage: 1
5	1123 / 21 – 22	Passage: 2
6	Advanced Vocabulary	Vocabulary, Idioms, Proverbs, Figures of Speech, Similes, Parts of Speech
	Note:	Past Papers should be modified to meet the needs of the new Syllabus (2018) recommended by CAIE.

BF
Subject Teacher

RQ
Head of Department

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Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C3

Subject: Mathematics

Academic Session: 2021-2022

Books Recommended: OXFORD MATHEMATICS D3 (7th Edition)
OXFORD MATHEMATICS D4 (7th Edition)

Details of Syllabus

S. No.	Chapter/Topic	Description
Mathematics Book D3 (6 th edition)		
01	Chapter # 6	Coordinate Geometry
02	Chapter # 7	Graph of a Function & Graphical Solution
03	Chapter # 8	Further Trigonometry
04	Chapter # 9	Application of Trigonometry
05	Chapter # 10	Arc-Length, Area of Sector and Radian Measure
06	Chapter # 11	Congruency and Similarity
07	Chapter # 12	Area and Volume of Similar Figures and Solids
08	Chapter # 13	Geometrical Properties of Circle
09	Chapter # 01	Linear Inequalities In Two Event (D4 7th Edition)
10	Chapter # 02	Further Sets
11	Chapter # 03	Probability Of combined Events
12	Chapter # 04	Statistical Data Analysis
13	Chapter # 05	Matrices
14	Chapter # 06	Further Geometrical Transformation
15	Chapter # 07	Vectors
16	Chapter # 08	Loci

Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C3

Subject: Physics

Academic Session: 2021-22

Books Recommended: Cambridge University Books

Details of Syllabus

S. No.	Chapter/Topic	Description
1.	Static Electricity	Charge, types, methods of charging and discharging, induction, earthing, properties.
2.	Current Electricity	Electric current, potential difference, electromotive force, Ohm’s law, resistance, resistivity.
3.	D.C. circuits	Series and parallel circuits, potential dividers.
4.	Practical Electricity	Uses of electricity, heating, lighting and motor effect, electric power and energy, cost of electricity, fuse, circuit breaker, safety.
5.	Magnetism	Laws of magnetism, magnetic properties of matter, magnetic effect of current in wire and solenoid, relay, circuit breaker, reed switch.
6.	Electromagnetism	Force on a current carrying conductor, D.C. motor.
7.	Electromagnetic Induction	Principle of em induction, A.C. generator, transformer.
8.	Introductory Electronics	Thermionic emission, CRO, circuit components, switches, time delay circuits.
9.	Electronic Systems	Logic gates, Astable and bistable circuits.
10.	Radioactivity	Radioactivity, detection, properties of radiations, half life, nuclear reactions, reactor, uses of radioactive materials including safety precautions.
11.	Atomic Model	Atomic model, nucleus, nuclide notation, isotopes.

Subject Teacher

_____/_____
Head of Department Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C3

Subject: Computer Science

Academic Session: 2021-2022

Books Recommended: Cambridge IGCSE Computer Science by David Watson And Helen Williams

Details of Syllabus

S. No.	Chapter/Topic	Description
1	Chapter 10	Pseudocode and flowcharts
2	Chapter 11	Programming Concepts
3	PRM	Pre Release Material 2022

Subject Teacher

Head of Department

Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C3 Subject: Accounting

Academic Session: 2021-2022

Books Recommended: Business Accounting (Vol-1) By Frank Wood & Alan Sangster 14th Edition.

Details of Syllabus

S. No.	Chapter/Topic	Description
1	Ch. No. 10	Accounting Concepts IAS - Accounting policies (comparability, relevance, reliability, understandability)
2	Ch No. 29	Valuation of inventory
3	Ch. No. 37	Manufacturing Account
4	Ch. No. 38	Departmental Accounts
5	Ch. No. 41	Partnership and introduction
6	Ch No. 45	Company Accounts

GY/MQL

Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



SADIQ PUBLIC SCHOOL

SYLLABUS

Class: C3

Subject: Islamiat

Academic Session: 2021-22

Books Recommended: Islamiat for students by Farkhanda Noor Muhammad

Details of Syllabus

S. No. Chapter/Topic Description

1	Passages	Passage # 13-15
2	Hadith	Hadith # 13-20
3	Biography	Revision
4	Articles of Faith	Revision
5	Pillars of Isalm	Jihad
6	Caliphs	Hazrat Usman & Hazrat Ali RA
7	Early Muslim Community	Revision

Subject Teacher

Head of Department

Headmaster/Headmistress