



# Sadiq Public School

## Syllabus

Class: S1

Subject: **Biology**

Academic Session: 2021-2022

Books Recommended: **BIOLOGY FOR GRADE 9**

### Details of Syllabus

S. No.	Chapter/Topic	Description
1.	<b>Ch#1:Introduction To Biology</b>	Introduction to biology, division and branches of biology, interdisciplinary sciences, careers in biology, the levels of organization, subatomic level, molecular level, organelle and cell level, tissue level, organ and organ system level, individual level, population, community, biosphere level, cellular organization.
2.	<b>Ch#2: Solving A Biological Problem:</b>	A biological problem, biological method, observation, hypothesis, deduction, experiments, theory, law and principle, data organization and data analysis, study of malaria- an example of biological method.
3.	<b>Ch#3:Biodiversity</b>	Biodiversity, importance of biodiversity, classification, aims of classification, basis of classification, taxonomic hierarchy, species-the basic unit of classification, history of classification system, the five kingdoms, binomial nomenclature, conservation of biodiversity, impact of human beings on biodiversity, deforestation and over-hunting.
4.	<b>Ch#4: Cells And Tissues</b>	Microscope and microscopy, cellular structures and functions, cell organelles, nucleus, ribosomes, mitochondria, plastids, difference between prokaryotic and eukaryotic cells, passages of molecules into and out of cells, animal tissues, plant tissues.

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Subject Teacher

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Head of Department

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Headmaster/Headmistress



Sadiq Public School

## SYLLABUS

Class: S1

Subject: Islamiat

Academic Session: 2021-22

Books Recommended: Punjab Text Book Board Lahore

### Details of Syllabus

S. No.	Chapter/Topic	Description
1	باب اول	قرآن مجید حفظ و ناظرہ - آیۃ الکرسی
2	باب دوم	ایمانیات و عبادات - عقیدہ آخرت
3	باب سوم	اسوہ حسنہ: خلق عظیم - صبر و تحمل - ایفائے عہد حسن معاشرت - اخلاص و تقوی - عدل و احسان - انداز تربیت و تبلیغ - فکر آخرت فکر آخرت - انداز تربیت و تبلیغ
4	باب چہارم	اخلاق و آداب: خشیت الہی - امر بالمعروف و نہی عن المنکر - حقوق العباد - کاروبار میں دینیت - تعلقات میں منافقت سے اجتناب - جہاد - اتحاد ملی
5	باب پنجم	حضرت عیسیٰ علیہ السلام - حضرت سلمان فارسی رضی اللہ عنہ

Subject Teacher

Head of Department

Headmaster/Headmistress



# Sadiq Public School

## Syllabus

Class: S1

Subject: URDU

Academic Session: 2021-22

Books Recommended: اردو ٹیکسٹ بک برائے جماعت ہشتم۔ حکومت پنجاب  
اردو گرامر و انشاء پر دازی برائے جماعت ہشتم

### Details of Syllabus

S. No.	Chapter/Topic	Description
1	اسباق: حمد۔ نعت، درد دل کے واسطے پیدا کیا انسان کو، پاکستان کے چند اہم تہوار، ہمارے وطن کا نشان، خون کا بدلہ شہری دفاع، ریل کا سفر، لانس نائیک لال حسین، ہاکی، دریا کی کہانی، پاکستان کے موسم، حضرت عمر بن عبدالعزیز، ادب کی اہمیت، مل کے رہو، ملی وحدت، مثالی طالب علم، تفریح کی اہمیت، اپنا پرچم ایک۔۔۔ خدا اس وقت یہ چاہتا۔۔ خواتین کا مقام، گرلز گائیڈ، لا الہ الا اللہ، مناظر پاکستان، ریل گاڑی کی کہانی، آگہی، ننھا مجاہد۔	نصابی اسباق کے خلاصے، حوالہ متن اور اقتباسات کی تشریحات مشقی سوالات، مشکل الفاظ کے معانی
2	قواعد: کلمہ کی اقسام، اسم کی اقسام، اسم معرفہ کی اقسام، حروف، محاورات، خط، درخواست، کہانی، اعراب، مضمون	قواعد کی وضاحت و تفصیل، مشق

Subject Teacher

Head of Department

Headmaster/Headmistress



# Sadiq Public School

## Syllabus

Class: S1

Subject: Chemistry

Academic Session: 2021-2022

Books Recommended: Punjab Textbook Board ( Bahawalpur )

### Details of Syllabus

S. No.	Chapter/Topic	Description
Unit#1	Fundamentals of chemistry	Introduction to chemistry, Branches of chemistry and scope of every branch of chemistry
Unit#1	Basic definitions and Formula	Element, Compound, Mixture, Atomic number, Atomic mass, chemical formula, Molecular formula, Empirical formula, Ions, Radical, Molecule
Unit#1	Mole, Avogadro's Number Exercise (MCQs+S.Qs+L.Qs)	Mole, Avogadro's number Exercise MCQS # 1-13 Short Answer Questions # 1-19 Long Answer Questions # 1-10 Additional MCQs Qs/Ans
Unit#2	Experiments related to structure of atom	Discovery electron, proton and neutron, Rutherford's atomic model, Bohr's atomic model
Unit#2	Electronic configuration	Electronic configuration of some element, Rules for electronic configuration, Shells and sub-shells
Unit#2	Uses of isotopes Exercise (MCQs+S.Qs+L.Qs)	Uses of isotopes in our life Exercise MCQS # 1-10 Short Answer Questions # 1-13 Long Answer Questions # 1-10 Additional MCQs Qs/Ans
Unit#3	Periodic Table (Old and Modern)	Attempts for the periodic table, Modern periodic table, Salient features of modern periodic table, periods and groups
Unit#3	Periodicity of properties (A.S, S.E, I.P, E.A, E.N)	Atomic size or atomic radius, Shielding Effect, Ionization Potential, Electron Affinity and Electronegativity
Unit#3	Exercise (MCQs+S.Qs+L.Qs)	Exercise MCQS # 1-10 Short Answer Questions # 1-09 Long Answer Questions # 1-10 Additional MCQs Qs/Ans
Unit#4	Ionic bond, Covalent bond and coordinate covalent bond	Ionic bond and its formation, Covalent bond and its types, coordinate covalent bond and its formation
Unit#4	Polar and nonpolar bond, metallic bond and Intermolecular forces	Formation of Polar and nonpolar bond, metallic bond formation and Intermolecular forces (Dipole-Dipole Interaction and Hydrogen bonding)
Unit#4	Properties of ionic and covalent compound Exercise (MCQs+S.Qs+L.Qs)	Properties of ionic compounds, covalent compounds and polar nonpolar compounds Exercise MCQS # 1-18 Short Answer Questions # 1-17 Long Answer Questions # 1-11 Additional MCQs Qs/Ans

Mushtaq Ali Muskani

Subject Teacher

Fazal Mehmood

Head of Department

Headmaster/Headmistress



# Sadiq Public School

## Syllabus

Class: S1

Subject: English

Academic Session: 2021-2022

Books Recommended: Punjab Text Book (8)  
Scientific English Grammar 8

### Details of Syllabus

S. No.	Chapter/Topic	Description
1	Book 8 (PTB)	Translation from English to Urdu, word meanings
2	Chapters: 1 to 14	Comprehension questions, miscellaneous exercises, summary of poems/ paraphrase,
3	Scientific English Grammar 8	Use of verbs, parts of speech, translation into English, Narrations, voices, paragraph writing, letters, story writing and applications.

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Subject Teacher

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Head of Department Headmaster/Headmistress



# Sadiq Public School

## Syllabus

Class: S1

Subject: Mathematics

Academic Session: 2021-2022

Books Recommended: MATHEMATICS 8<sup>th</sup> & 9<sup>th</sup>(Science Group)

P.T.B.B LAHORE

### Details of Syllabus

S.No.	Chapter/Topic	Description
<b>MATHEMATICS 8<sup>th</sup></b>		
01	Chapter # 01	Operation on Sets
02	Chapter # 05	Polynomials
03	Chapter # 06	Factorization and Simultaneous linear equations
<b>MATHEMATICS 9<sup>th</sup></b>		
04	Chapter # 01	Matrices & Determinants
05	Chapter # 02	Real & Complex Numbers
06	Chapter # 03	Logarithms
07	Chapter # 04	Algebraic Expressions & Algebraic Formulas
08	Chapter # 08	Linear Graphs and Their Applications
09	Chapter # 09	Introduction to Coordinate Geometry
10	Chapter # 12	Line Bisectors and Angle Bisectors
11	Chapter # 17	Practical Geometry ----- Triangles

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Subject Teacher

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Head of Department

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Headmaster/Headmistress



# Sadiq Public School

## Syllabus

Class: S1

Subject: Social Studies

Academic Session: 2021- 2022

Books Recommended: Secondary Social Studies for Pakistan\_ book 3 by Peter Moss

### Details of Syllabus

S. No.	Chapter/Topic	Description
01	The Universe	Light Year, Solar System, The Moon, Phases of moon, Eclipses, Solar eclipse, Lunar eclipse.
02	Agriculture and main crops	Arable farming, Stock or animal farming, Fishing, Horticulture, Impacts of 2010 floods on Pakistan.
03	Industry	Industry, Levels of Industry, Primary Industry, Secondary Industry, Tertiary or Service Industry.
04	Exports and Imports of Pakistan	Exports, Imports, Balance of payment, Pakistan big five exports, Pakistan's imports.
05	World Environment and its Problems	Pesticides, Herbicides, Antibiotics, Nuclear energy.
06	The Concept of Two-Nation State	The road to independence, Sir Sayyid Ahmed Khan, Allama Iqbal, Ch. Rehmat Ali, Muhammad Ali Jinnah, Ideology of Pakistan.
07	Pakistan's Chronology (1970-2008)	1970. 1971, 1973, 1977, 1978, 1979, 1984-85, 1988, 1990, 1993, 1996-97, 1998, 1999-2008
08	The United Nations	Structure of United Nations, Organisation of Islamic Cooperation, The League of Arab States, Regional Cooperation for Development
09	Democracy and Human Rights	Democracy, Great Humanitarians, Red Crescent and Red Cross, Medicines Sans Frontiers, Charity Organizations,
10	World Travellers	Marco Polo, Christopher Columbus, Vasco da Gama

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Subject Teacher

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Head of Department

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Headmaster/Headmistress



**SADIQ PUBLIC SCHOOL**

**SYLLABUS**

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**Class:** S1

**Subject:** PHYSICS

**Academic Session:** 2021-2022

**Books Recommended:** Physics 09

Punjab Text book

**Details of Syllabus**

S.No.	Chapter/Topic	Description
1	Unit # 01. Physical Quantities and Measurement	Theory + MCQs + Exercise Q + Numericals
2	Unit # 02. Kinematics	Theory + MCQs + Exercise Q + Numericals
3	Unit # 03. Dynamics	Theory + MCQs + Exercise Q + Numericals
4	Unit # 04. Turning Effect of Forces	Theory + MCQs + Exercise Q + Numericals
5	Unit # 06. Work and Energy	Theory + MCQs + Exercise Q + Numericals
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**Subject Teacher**

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**Head of Department**

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**Headmaster/Headmistress**





# Sadiq Public School

## Syllabus

Class: S1

Subject: Computer Science

Academic Session: 2021-2022

Books Recommended: Computer Science & IT 9 by Punjab Curriculum and Textbook Board, Lahore

### Details of Syllabus

S. No.	Chapter/Topic	Description
1	Chapter 1: Problem Solving	How to solve a problem related to software creation
2	Chapter2: Binary System	Conversion and representation of numbers in computer

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Head of Department

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Headmaster/Headmistress