



Sadiq Public School

Syllabus

Class: C1

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. 1 | The Accounting Equation and Balance Sheet. |
| 2 | Ch No. 2 | The double entry system of assets liabilities and capital |
| 3 | Ch. No. 3 | Inventory |
| 4 | Ch No. 4 | Doubles Entry system of Expense and Revenues |
| 5 | Ch No. 5 and 6 | Balancing of Accounts and The trial balance |
| 6 | Ch No. 7 | Income statement an introduction |
| 7 | Ch No. 8 & 9 | Balance Sheet |
| 8 | Ch. 11 | Books of Original entry and ledgers |
| 9 | Ch No. 13 | Cash Book |
| 10 | Ch No. 14 | Sales day book and Sales ledgers |
| 11 | Ch No. 15 | Purchase Day book and Purchase ledgers |
| 12 | Ch No. 16 | Return Day Books and ledgers and Business Documents |
| 13 | Ch No. 17 | The Journal and General Ledgers |

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Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: _____C1_____

Subject: _ Biology ____

Academic Session: _ 2021-2022 _____

Books Recommended: _ **Marshall Cavendish education** _____
_ Biology Matters Gce O level 2nd edition _____

Details of Syllabus

| S. No. | Chapter/Topic | Description |
|--------|--|--|
| 1 | Ch#1 Cell structure and organization and experiments | 1.1 animal, plant and bacterial cell 1.2 specialized cells, tissues and organs 1.3 magnification |
| 2 | Ch#2 Classification | 2.1 concept and use of a classification system 2.2 features of organism |
| 3 | Ch#3 Movement into and out of cells | 3.1 diffusion and osmosis 3.2 active transport |
| 4 | Ch#4 Biological molecules | 4.1 biological molecules, protein, carbohydrates, lipids and DNA |
| 5 | Ch#5 Enzymes and experiments | 5.1 Enzyme action 5.2 effects of temperature and pH |
| 6 | Ch#6 Human nutrition | 6.1 diet 6.2 human digestive system 6.3 absorption and assimilation |
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Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C1

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. | 1 | Business Activity |
| 2. | 2 | Classification of Businesses |
| 3. | 3 | Enterprise, Business growth and size |
| 4. | 4 | Type of business organisation |
| 5. | 5 | Business objectives and shareholder objectives |
| 6. | 10 | Marketing, competition and customer |
| 7. | 11 | Market research |
| 8. | 12 | The marketing mix- product |
| 9. | 13 | The marketing mix – price |
| 10. | 14 | The marketing mix – promotion |
| 11. | 15 | The marketing mix – place |
| 12. | 16 | The marketing Strategies |

Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C1

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 1 | Data Representation |
| 2 | Chapter 2 | Data Transmission |
| 3 | Chapter 3 | Hardware |
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Subject Teacher

Head of Department

Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C1

Subject: Economics

Academic Session: 2021-2022

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

Details of Syllabus

| S. No. | Chapter/Topic | Description |
|--------|---------------|---|
| 1 | 1 | The nature of the economic problem |
| 2 | 2 | Factors of production |
| 3 | 3 | Opportunity cost |
| 4 | 4 | Production possibility curves |
| 5 | 5 | Microeconomics and macroeconomics |
| 6 | 6,13 | Role of markets in allocating resources, Market economic system |
| 7 | 15 | Mixed economic system |
| 8 | 16 | Money and banking |
| 9 | 17,18 | Households, Workers |
| 10 | 19 | Trade unions |
| 11 | 7,8 | Demand, supply |
| 12 | 9 | Price determination |

Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C1

Subject: URDU

Academic Session: 2021-22

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

Details of Syllabus

| S. No. | Chapter/Topic | Description |
|--------|----------------------------------|--|
| 1 | محاورات | "آ" سے "ز" تک محاورات کا جملوں میں استعمال |
| 2 | مضمون نویسی | اشارات کی مدد سے الفاظ کی مقررہ حد میں مضمون لکھنا |
| 3 | خطوط نویسی | خاکہ، مقام روانگی، القابات، آداب، نفس مضمون، اختتام (مکمل اجزا) |
| 4 | خالی جگہ پر کرنا (Cloze Passage) | دیئے گئے الفاظ کی مدد سے خالی جگہ پر کرنا |
| 5 | جملوں کی ساخت میں تبدیلی | جملوں کی ساخت میں تبدیلی بلحاظ زمانہ، متضاد، واحد جمع، مذکر مؤنث وغیرہ |
| 6 | مکالمہ نگاری | مکالمہ نگاری کی مشق |
| 7 | تفہیم | عبارت کو پڑھ کر دیئے گئے سوالات کے جواب دینا |
| 8 | خلاصہ - تلخیص | دیئے گئے اقتباس کی تلخیص کرنا |
| 9 | روداد نویسی | روداد نویسی (طریقہ و اقسام) |
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Subject Teacher

Head of Department

Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C1

Subject: English

Academic Session: 2021 - 2022

Books Recommended: English for Cambridge/EFL (Book 1); Challenging English Vocabulary 3
Cambridge O Level/COL by Helen Toner and John Reynolds and Oxford Progressive 10

Details of Syllabus

| S.No. | Chapter/Topic | Description |
|-------|--|--|
| 1. | Composition | Narrative/ Descriptive/Argumentative Essay Writing |
| 2. | Directed Writing | Formal/ Informal Letter, Report/Account/Article/Speech Writing |
| 3. | English for Cambridge Book 1 | All chapters to build reading skills in detail |
| 4. | Cambridge O Level by Helen Toner and John Reynolds | Reading Section: Chapters 10 to 30 including Practice in Reading |
| 5. | Oxford Progressive 10 | Chapters 1 to 4 |
| 6. | CAIE Paper I and II 2020 | (May and November) for Practice |
| 7. | Sentence Structures | Simple, Compound and Complex Sentences |
| 8. | Phrases and Clauses | Consult Grammar Book (any) |
| 9. | Connectives | Consult Grammar Book (any) |
| 10. | Direct and Indirect Speech | Consult Grammar Book (any) |
| 11. | Revision of Tenses | Consult Grammar Book (any) |
| 12. | Revision Parts of Speech | Consult Grammar Book (any) |

Ms. Maria Khan (MK)
Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C1

Subject: Mathematics

Academic Session: 2021-2022

Books Recommended: OXFORD MATHEMATICS D1 (7th Edition)
OXFORD MATHEMATICS D2 (7th Edition)

Details of Syllabus

| S. No. | Chapter/Topic | Description |
|---|---------------|--|
| Mathematics Book D1 (7 th edition) | | |
| 01 | Chapter # 09 | Ratio, Rate, Time and Speed |
| 02 | Chapter # 10 | Basic Geometry |
| 03 | Chapter # 11 | Triangles, Quadrilaterals and Polygons |
| 04 | Chapter # 13 | Perimeter and Area of Plane Figure |
| 05 | Chapter # 14 | Volume and Surface Area Of Prism and Cylinders |
| 06 | Chapter # 15 | Statistical Data Handling |
| MATHEMATICS D2 (7th Edition) | | |
| 07 | Chapter # 01 | Direct and Inverse Proportion |
| 08 | Chapter # 02 | Linear Graph and Simultaneous Linear equation |
| 09 | Chapter # 03 | Expansion and Factorization of quadratic Expressions |
| 10 | Chapter # 04 | Further Expansion and Factorization of Algebraic Expressions |
| 11 | Chapter # 05 | Quadratic Function and Graphs |
| 12 | Chapter # 06 | Algebraic Factorization |
| 13 | Chapter # 07 | Relation and Function |
| 14 | Chapter # 08 | Congruence and Similarity |
| 15 | Chapter # 09 | Geometrical Transformation |
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Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C-1

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 | Location of Pakistan | Absolute and Relative Location of Pakistan |
| | | Main Cities, Rivers, Plains, Plateaus, Mountains, Deserts |
| 02 | Development of Water Resources | Development of Water Resources- Uses of Water |
| | | Methods of Irrigation-Dams and Barrages |
| | | Indus Water Treaty, Water Logging, Salinity, Siltation |
| 03 | Forests | Types, Importance, their Main Areas and Features |
| | | Distribution of Forests, Deforestation, Causes, Effects and Solutions |
| 04 | Mineral Resources | Introduction and Mining Methods |
| | | Metallic and Non-metallic Minerals-Uses and Main Areas |
| | | Effects of Mining on the environment |
| 05 | Fishing Industry | Areas and Production, Types of Fishing and Problems Faced by Fishing |
| | | Subsistence and Commercial Fishing, Marine and Inland Fishing |
| 06 | | Problems Faced by Fishing Industry |

Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C1_____

Subject: Chemistry_____

Academic Session: 2021-2022_____

Books Recommended: Chemistry by C N Prescott_____

Details of Syllabus

| S. No. | Chapter/Topic | Description |
|--------|--|---|
| 1 | States of matter | Properties of solids, liquids and gases. Arrangement and movement Of particles in all three states. Kinetic particle theory. Diffusion. Effect of temperature on diffusion. |
| 2 | Atoms, elements and compounds. | Differences between elements, compounds and mixtures. |
| 2.2 | Atomic structure and the periodic table | Structure of atom. Fundamental particles of atom, charges and masses. Proton number, nucleon number, electronic configuration. |
| 2.3 | Isotopes | Description of isotopes, differences, calculating relative atomic mass from relative masses and abundances of its isotopes. |
| 2.4 | Ions and ionic bonds | Formation of positive and negative ions. Ionic compounds. Properties. Structures. |
| 2.5 | Simple molecules and covalent bonds | Formation of covalent bonds. Structures. Properties of covalent compounds. |
| 2.6 | Giant covalent structures | Structures of diamond, graphite and sand. Properties. Electrical conductivity based on structure. |
| 2.7 | Metallic bonding | Metals, properties of metals. Structure. Electrical conductivity. |
| 3 | Stoichiometry | Formula writing, molecular mass, percentage composition, empirical formula and molecular formula. |
| 3.2 | Relative masses of the atoms and molecules | Calculating atomic mass and molecular masses. |
| 3.3 | The mole and the Avogadro constant | Mole, number of particles, finding masses from reactions, Mole volume ratios, percentage purity. |
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____SA_____
Subject Teacher

____FM_____
Head of Department

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Headmaster/Headmistress



SADIQ PUBLIC SCHOOL

SYLLABUS

Class: C1

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 # 1-6 |
| 2 | Hadith | Hadith # 1-6 |
| 3 | Biography | Makkan Life of the Prophet SAWW, Life in Madina, Prophets behavior with others |
| 4 | Articles of Faith | Oneness of Allah, Belief in Prophets, Angels, Divine Books |
| 5 | Quran & Hadith | History & Imp. Of Quran & Hadith |
| 6 | Caliphs | Hazrat Abu Bakar RA |
| 7 | Early Muslim Community | Ten blessed companions, |
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Subject Teacher

Head of Department

_____/_____
Headmaster/Headmistress



Sadiq Public School

Syllabus

Class: C 1

Subject: Physics

Academic Session: 2021-2022

Books Recommended: Cambridge University Books

Details of Syllabus

| S.No. | Chapter/Topic | Description |
|-------|--|--|
| 1 | Physical quantities and measurement techniques | measure a variety of lengths with appropriate precision using tapes, rulers and micrometers, time intervals using clocks and digital timers |
| 2 | Motion, Forces | Define acceleration, uniform acceleration and non-uniform acceleration, distance–time graph, speed–time graph, gradient of s-t, v-t graphs Balanced and unbalanced forces Recall and use the equation $F = ma$, Define the thinking distance, braking distance and stopping distance of a moving vehicle, Explain the factors that affect thinking and braking distance including speed, tiredness, alcohol, drugs, load, tyre surface and road conditions, terminal velocity, friction. |
| 3 | Mass, weight and density | determine mass using an electronic balance, measure weight using a force meter, Define density as mass per unit volume density= m/v . |
| 4 | Elastic deformation, Circular motion. | Change in size and shape of an object, spring constant, graphs for an elastic solid, motion in a circular path due to a force perpendicular to the motion. |
| 5 | Turning effect of forces, Centre of gravity, | Describe the moment of a force as a measure of its turning effect and give everyday examples, Define the moment of a force as moment = force \times perpendicular distance from the pivot, State and use the principle of moments for an object in equilibrium principle of moments. Centre of gravity. |
| 6 | Momentum | Define momentum as mass \times velocity; recall and use the equation $p = mv$, Define impulse as force \times time for which force acts; recall and use the equation impulse = $F\Delta t = \Delta(mv)$ Apply the principle of the conservation of momentum to solve simple problems in one dimension, Define resultant force as the change in momentum per unit time |
| 7 | Energy, work and power, | Energy, kinetic energy, potential energy, work done $W = Fd$ renewable and non-renewable energy sources, Power, Efficiency power= w/t . pressure varies with force and area in the context of everyday examples, |
| 8 | Pressure | Define pressure as force per unit area; State that the pressure at a surface produces a force in a direction at right angles to the surface and describe an experiment to show this, Describe how the height of a liquid column in a liquid barometer may be used to determine the atmospheric pressure. Recall and use the equation for the change in pressure beneath the surface of a liquid change in pressure $\Delta p = \rho g \Delta h$ |
| 9 | Thermal physics | Kinetic particle model of matter, States of matter, Explain qualitatively, in terms of particles, the relationship between: (a) pressure and temperature at constant volume (b) volume and temperature at constant pressure (c) pressure and volume at constant temperature Recall and use the equation $p_1V_1 = p_2V_2$, including a graphical representation of the relationship between pressure and volume for a gas at constant temperature Thermal expansion of solids, liquids and gases, |

Subject Teacher

Head of Department

Headmaster/Headmistress