



MANCHESTER
ISLAMIC
GRAMMAR SCHOOL
FOR GIRLS

FAITH • LEARNING • LIFE

MANCHESTER ISLAMIC
GRAMMAR SCHOOL
FOR GIRLS

AUTUMN 2021

Year 10

COURSE CONTENT BOOKLET

*Information for parents and guardians on the topics your daughter will study
in each subject over the autumn term*



INTRODUCTION

Assalamu'Alaikum,

This booklet has been designed to assist parents and guardians in supporting their daughter during her time at MIGSG.

Throughout this booklet you will find information about:

- The subjects your daughter is studying
- Each of the topics that are covered during the autumn term
- Additional information about the topic and what she is expected to have achieved by the end of the term

Please do not hesitate to contact the school should you have any further queries regarding your daughter's progress or the topics she is studying.

A progress report will be sent out at the end of term.

Insha'Allah, you will find this booklet beneficial and it will help as a reference point in supporting your daughter to fulfil her potential.

Walaikumsalam,

Mrs E Smart

Assessment Co-ordinator

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ARABIC

Teachers:	Mrs F Barbash Mrs A Hussein
Number of lessons per week:	Three

Topics	Key Content
HOUSE	Types of room & furniture and gardens. House chores and responsibilities
SHOPPING	Places to eat and drink Types of meals Menus and Prices Local specialties
SCHOOL LIFE AND ROUTINE	Write about yourself, hobbies, school, travel and culture Types of school School life and daily routine
PERSONAL INFORMATION	
HOBBIES	Pupils to practise reading and understanding past exam papers.
WRITING	Pupils to practise short writing , to write about a summer camp
RELEVANT GRAMMAR	Pupils to finish grammar book no 2 (Gateway to Arabic)

ART

Teacher: Ms B Hockwart

Number of lessons per week: Three

Topics	Key Content
ANALYTICAL DRAWING CUBISM/CAULFIELD	Still life - draw a group of chosen objects and arrange them in an interesting manner. Accurate drawing and tonal variations.
2D and/or 3D DESIGN	Choose a project from the art paper/list ,research the history craft, art design. work must include drawings, paintings, collage, photos of chosen area of study. Produce a 2D or 3D piece of work.
GRAPHIC DESIGN	Poster designs chosen from a list of topics and themes.
PERSONAL STUDY	Own chosen area of study. Drawing, paintings 2D and 3D work.

BUSINESS

Teacher:

Mrs C Brydges

Number of lessons per week:

Three

Topics	Key Content
TOPIC 1 - BUSINESS IN THE REAL WORLD	Unit 1—Business in the real world . This unit has seven sub-units.
1.1 The purpose and nature of businesses	<ul style="list-style-type: none"> Purpose of business Entrepreneurs and Enterprise Business functions Dynamic nature of business
1.2 Business ownership	<ul style="list-style-type: none"> Sole traders Partnerships Private and Public Limited companies
1.3 Setting business aims and objectives	<ul style="list-style-type: none"> What are business aims and objectives Purpose of setting objectives Changing objectives Using Objectives to measure success
1.4 Stakeholders	<ul style="list-style-type: none"> Main stakeholders of businesses Objectives of stakeholders Impact of business activity on stakeholders How stakeholders can influence business
1.5 Business location	Factors influencing the location decision of a business
1.6 Business planning	<ul style="list-style-type: none"> The purpose of business planning The main sections within a business plan
1.7 Expanding a business	<ul style="list-style-type: none"> Methods of expansion, internal and external Benefits and drawbacks of expansion
6	Advantages and disadvantages of business expansion

CITIZENSHIP

Teachers: Mrs N Imtiaz

Number of lessons per week: Three

Topics	Key Content
INTRODUCTION TO THE COURSE	What is a community? <i>Theme A3</i>
A MELTING POT? <i>THEME A1</i>	Religious understanding <i>Theme A3</i>
CHANGING PATTERNS <i>THEME A1</i>	Study changing patterns locally <i>Theme A1</i>
MIGRATION – WHY DOES IT HAPPEN? (ECONOMIC REFUGEES/ASYLUM SEEKERS) <i>THEME A2</i>	Migration – why does it happen? (Economic refugees/asylum seekers) <i>Theme A2</i>
WHAT IS IDENTITY? IDENTITY IN THE UK <i>THEME A4</i>	What is respect? Introduction to human rights <i>Themes A3, A5</i>
HOW DID HUMAN RIGHTS BEGIN? <i>THEME A6</i>	Human rights in the community/equality and discrimination <i>Theme A3</i>
HOW CAN WE DEVELOP COMMUNITY COHESION? <i>THEME A3</i>	Can human rights conflict with each other? <i>Theme A5</i>

CITIZENSHIP

Teachers: Mrs N Imtiaz

Number of lessons per week: Three

Topics	Key Content
THE DIFFERENCE BETWEEN LEGAL AND MORAL RIGHTS <i>THEME A5</i>	Political rights <i>Theme A5</i>
SHOULD WE SCRAP THE HUMAN RIGHTS ACT? <i>THEME A6</i>	Rights in the workplace <i>Theme A5, D2</i>
RIGHTS AND DUTIES OF CITIZENS/ RULE OF LAW <i>THEME A5, C2</i>	Who represents us? <i>Theme A7</i>
EXAM TECHNIQUE PRACTICE	How does the council work? <i>Theme A7</i>

TRILOGY SCIENCE (AQA)

BIOLOGY

Teachers:

Ms K Griffin

Number of lessons per week:

Two

Topics	Key Content
B1 CELLS	Microscopes Animal and plant cells Eukaryotic and prokaryotic cells Specialised cells Diffusion Osmosis Active transport Exchanging materials Revision/ summary and assessment
B2 CELL DIVISION	Cell division Growth and differentiation Stem cells Stem cell dilemmas Revision/ summary and assessment
B3 ORGANISATION AND THE DIGESTIVE SYSTEM	Tissues and organs The human digestive system The chemistry of food Catalysts and enzymes

TRILOGY SCIENE (AQA)

CHEMISTRY

Teachers:

Mrs A Suleiman

Number of lessons per week:

Two

Topics	Key Content
C3 STRUCTURE AND BONDING	States of matter Atoms into ions Ionic bonding Giant ionic structures Covalent bonding Structure of simple molecules Giant covalent structures Fullerenes and graphene Bonding in metals Giant metallic structures Revision/ summary and assessment
C5 CHEMICAL CHANGES	The reactivity series Displacement reactions Extracting metals Salts from metals Salts from Insoluble bases Making more salts Neutralisation and the pH scale Strong and weak acids Revision/ summary and assessment

TRILOGY SCIENCE (AQA)

PHYSICS

Teachers: Miss S Shaikh

Number of lessons per week: Two

Topics	Key Content
P4 ELECTRIC CIRCUITS	Current and Charge Potential difference and resistance Component characteristics Series circuits Parallel circuits Revision/ summary and assessment
P5 ELECTRICITY IN THE HOME	Alternating current Cables and plugs Electrical power and potential difference Electrical current and energy transfer Appliances and efficiency Revision/ summary and assessment

ENGLISH

Teachers:

Mrs C Drinkwater

Mrs S Campbell

Ms H Appleton

Mr J Moorhouse

Number of lessons per week:

Ten

Topics	Key Content
CREATIVE READING AND WRITING ENGLISH LANGUAGE PAPER 1 SKILLS	Recapping on AO1 skills from Year 9. Preparing for language and structural analysis Preparing for descriptive and narrative writing Preparing for Critical Evaluation
POETRY	Study of poetry from the GCSE English Literature anthology Learning essay writing methods for analysis Matching of skills for unseen poetry analysis

FRENCH

Teacher: Mrs S Saunders

Number of lessons per week: Three

Topics	Key Content
Global sustainability	<ul style="list-style-type: none">• The environment• Social issues (Poverty/homelessness)
Youth Culture	<ul style="list-style-type: none">• Technology and social media• Self and relationships
Grammar	Adjectives Comparative of adjectives Relative pronouns – qui and que Present tense – regular, irregular and reflexive verbs Possessive adjectives Emphatic pronouns Direct object pronouns Present and past tense revision Perfect tense Time phrases Imperfect tense

GEOGRAPHY

Teacher:

Miss M Barker

Number of lessons per week:

Three

Topics	Key Content
CHANGING LANDSCAPES OF UK	<p>Geological variations within the UK</p> <p>Physical and human processes work together to create distinct UK landscapes</p> <p>How rivers and coasts have changed the landscape overtime</p> <p>To explain how both human and physical processes are currently changing the landscape.</p>
RIVER AND COASTAL LANDSCAPES	<p>River Landscapes</p> <p>To understand the impact of river erosion and deposition on landscapes</p> <p>To be able to explain the ways rivers transport and deposit material</p> <p>To be able to identify the differences between upper, middle and lower courses of a river</p> <p>To understand how river landscapes affect people and how people affect river landscapes</p> <p>Coastal Landscapes</p> <p>To understand the impact of coastal erosion and deposition on landscapes</p> <p>To be able to explain the ways the sea transports and deposits material</p> <p>To be able to identify distinct coastal landforms</p> <p>To understand how coastal landscapes affect people and how people affect river landscapes</p>

HISTORY

Teachers: Miss L O'Neill

Number of lessons per week: Three

Topics	Key Content
PAPER ONE: UNDERSTANDING THE MODERN WORLD SECTION B: WIDER WORLD DEPTH STUDY CONFLICT AND TENSION 1918-1939.	Part 1 -
	Treaty of Versailles
	Aims of the Big 3
	Impact of the Versailles Settlement
	Part 2 -
	Establishment of the League of Nations
	Structure, successes and failures of the LON.
	Failure of the League—the Manchurian and Abyssinian crisis
	The collapse of the League
	Part 3—
	Rise of dictators—Hitler's rearmament
	The Sudetenland and Rhineland crisis.
	Anschluss

Britain and France reactions—appeasement, was it a mistake?

Nazi Soviet Pact

LIVING ISLAM

Teachers:	Mrs S Malek (JR) Miss J Kossar
Number of lessons per week:	Two

Topics	Key Content
THE IMPORTANCE OF MUSLIMS LIVING AS ACTIVE BRITISH MUSLIMS	Living Islam is a subject where pupils put into practice what they have learnt about Islam and become active Muslim citizens.
CONCEPT OF ILM AND AMAL	Understanding the concept of Ilm and Amal and how to apply it to our lives.
ROLE OF MUSLIMS IN THE COMMUNITY	Throughout the year pupils take part in various chosen projects to help different services, from the elderly to the homeless and animal shelters. Pupils are expected to carry out activities outside of school and later on in life.
INTRODUCTION TO VARIOUS PROJECTS	
ANIMAL WELFARE, ENVIRONMENT, ISLAMIC AWARENESS, ELDERLY, MENTAL WELL-BEING, HOMELESS AND RANDOM KINDNESS	Preparing assemblies on various topics such as black history month, Islamaphobia month, international woman's day etc..
TAKING A LEAD ON ASSEMBLIES THAT DEAL WITH CURRENT AFFAIRS, NATIONAL AND INTERNATIONAL DAYS	

MATHEMATICS FOUNDATION

Teachers:

Mr M Elbey

Mrs R Rawshdeh

Miss P Munir

Number of lessons per week:

Five

Topics	Key Content
GRAPHS, TABLES AND CHARTS	Frequency tables Two way tables Representing data Time series Stem and leaf diagram Pie charts Scatter graphs and line of best fit
FRACTIONS AND PERCENT-AGES	Working with fractions Four operations with fractions Fractions, decimals and percentages Calculating percentages
EQUATIONS, INEQUALITIES AND SEQUENCES	Solving equations Introducing and solving inequalities Using formulae Generating sequences Nth term of a sequence
ANGLES	Properties of shapes Angles in parallel lines Angles in triangles Interior and exterior angles Geometrical problems

MATHEMATICS

Teachers:

Mr M Elbey

Mrs R Rawshdeh

Miss P Munir

Number of lessons per week:

Five

Topics	Key Content
10 HIGHER GRAPHS	Linear graphs Real life graphs Line segments Quadratic graphs Cubic and reciprocal graphs
AREA AND VOLUME	Perimeter Area and volume Plane, shapes and prisms Circles Sectors of circles Cylinders and spheres Pyramids and cones Accuracy and bounds

MATHEMATICS HIGHER

Teacher:

Mr M Elbey

Mrs R Rawshdeh

Miss P Munir

Number of lessons per week:

Topics	Key Content
INTERPRETING AND REPRESENTING DATA	Statistical diagrams Time series Scatter graphs and line of best fit Averages and range
FRACTIONS, RATIOS AND PERCENTAGES	Fractions and ratios Ratio and proportion Percentages Fractions, decimals and percentages
ANGLES AND TRIGONOMETRY	Angle properties of triangles and quadrilaterals Interior and exterior angles of polygons Pythagoras theorem and trigonometry
GRAPHS	Linear graphs Graphing rates of change Real life graphs Line segments Quadratic, cubic and reciprocal graphs

QUR'AN

Teachers:	Mrs M Mahmood Mrs N Malek
Number of lessons per week:	Three

Topics	Key Content
RECITATION Al-Baqarah (77-100)	
TAJWEED / PERFECTIO OF PRONUNCIATION Meem Sakin rules	Pupils continue to perfect their recitation by applying correct pronunciation and tajweed rules
MEMORISATION AL-MULK (1-5)	Students will continue to learn the surahs with their meaning in English, the tafseer of the surahs to know the reason of revelation and through further discussions students will be able to derive lessons learnt from the Surah and how it can be implemented into our lives.
TAFSEER AL-MULK (1-16)	

RELIGIOUS STUDIES

Teachers: Mrs N Imtiaz

Number of lessons per week: Two

INTRODUCTION TO THE COURSE CONTENT INCLUDING NEW GCSE SPECIFICATION	AQA specification 2016
KEY BELIEFS:	
THE SIX ARTICLES OF FAITH FIVE ROOTS OF USUL AD DIN	Key similarities between the six articles and the five roots of usul ad din
THE ONENESS OF ALLAH [TAWHID]	Key definitions Description of Tawhid
QURAN SURAH 112	Omnipotence , beneficence, mercy, fairness and justice (Adalat in Shi'a Islam),
THE NATURE OF GOD	Different ideas about God's relationship with the world: immanence and transcendence.
BELIEF IN ANGELS	Nature and role, including Jibril and Mika'il.
PREDESTINATION	Predestination and human freedom and its relationship to the Day of Judgement.
END OF TOPIC INTERNAL ASSESSMENT OCT HALF TERM	
LIFE AFTER DEATH	Human responsibility and accountability, resurrection, heaven and hell.
PROPHETHOOD THE HOLY BOOKS	Prophethood (Risalah) including the role and importance of Adam, Ibrahim and Muhammad Qur'an: revelation and authority The Torah, the Psalms, the Gospel, the Scrolls of Abraham and their authority
THE IMAMATE IN SHI'A ISLAM	Its role and significance

SEPARATE SCIENCES

BIOLOGY

Teachers:

Mrs K Griffin

Number of lessons per week:

Three

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B3 ORGANISATION AND THE DIGESTIVE SYSTEM	Tissues and organs The human digestive system The chemistry of food Catalysts and enzymes Factors affecting enzyme action

SEPARATE SCIENCES

CHEMISTRY

Teachers: Ms A Suleiman
Number of lessons per week: Three

Topics	Key Content
C3 STRUCTURE AND BONDING	States of matter Atoms into ions Ionic bonding Giant ionic structures Covalent bonding Structure of simple molecules Giant covalent structures Fullerenes and graphene Bonding in metals Giant metallic structures Nanoparticles Applications of nanoparticles Revision/ summary and assessment
C5 CHEMICAL CHANGES	The reactivity series Displacement reactions Extracting metals Salts from metals Salts from Insoluble bases Making more salts Neutralisation and the pH scale Strong and weak acids Revision/ summary and assessment

SEPARATE SCIENCES

PHYSICS

Teachers:

Miss S Shaikh

Number of lessons per week:

Three

Topics	Key Content
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URDU

Teachers: Mrs S Noreen
Number of lessons per week: Three

Topics	Key Content
SELF, FAMILY AND FRIENDS	Personal information Family Relationships Marriage Future Plans
MY LIFE	Revision of Food and Drink Describe daily routine Clothing Celebrations Festivals and traditions Discuss role models
LEISURE	Hobbies Film (Revision) Television (Revision) Sport Reading
	We will also practise past papers for reading and listening foundation tier.

PHYSICAL EDUCATION

Teacher: Miss A. Towe / Miss S Hughes

Number of lessons per week: 2 x 50 mins per fortnight

Topics	Key Content
TEAM ACTIVITIES	<p>Netball: Refinement of more complex physical skills required in order to play in a full 7 v 7 game of netball with a full application of the rules of the game, officiating and positional play.</p> <p>Football: Development of enhanced skills required in order to play in small sided games with more complex tactics, set plays and rules.</p> <p>Volleyball: Introduction to the basic skills required to play a simple game of 6 v 6 volleyball.</p>
INDIVIDUAL ACTIVITIES	<p>Fitness assessments: Cooper 12 minute run</p> <p>Badminton: Consolidation of effective badminton skills required in singles play.</p>

AREAS FOR REVISION

USE THE SPACE BELOW TO MAKE A LIST OF THE TOPICS YOU
NEED TO REVISE THROUGH.

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