



MANCHESTER ISLAMIC
HIGH SCHOOL
FOR GIRLS

Summer 2017
Year 10

COURSE CONTENT BOOKLET

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

INTRODUCTION

Asslamualaikum,

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

Throughout this booklet you will find information about:

- The subjects your daughter is studying
- Each of the topics that are covered during the Summer 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 A Hussein

Mrs K Khaffaf

Number of lessons per week:

Three

Topics	Key Content
VISITS AND TRIPS	Practising long writing Pupils to write 150 word to describe their trips Information about outings Going to the beach Going to the park Going to the circus
SHOPPING	Shopping on the internet Types of drinks, meals and recipes
RELEVANT GRAMMAR	Practise reading and understanding past exam papers Past, Present and Future tenses Dual NB: Pupils taking GCSE at the end of Year 10 will work through past papers and cover the remaining topics from the relevant syllabus

ART

Teacher: Ms B Hockwart

Number of lessons per week: Three

Topics	Key Content
GRAPHIC DESIGN	Poster designs chosen from a list of topics and themes. Looking at: layout, style, imagery, colour, lettering logos, slogans and captions etc.
PERSONAL STUDY	Own chosen area of study. Research and investigate. Observation, abstraction experimentation, development and final piece of work in 2D/3D. Drawings and paintings, collage and mixed media.

BCS

Teacher:

Ms R Begum

Number of lessons per week:

Three

Topics

Key Content

**COMPLETION OF UNIT 8 –
(ICT SYSTEMS IN BUSINESS)
THEORY WORK.**

**START ON UNIT 9 (USING ICT IN
BUSINESS) PRACTICAL WORK.**

Pupils will start to practice some new skills as well as continue to practice what they have learnt previously. For example, how to create a database using different data types and adding input masks. Also creating spreadsheets and learning the different formulas used to calculate figures. In addition they will learn how to construct and format power points, leaflets and job adverts. Pupils will be given a separate exercise book to help the pupils monitor their work for Unit 9.

Pupils will be given a lot exam style questions in order to prepare them for the upcoming exam.

CITIZENSHIP

Teachers: Mrs N Hafezi
Number of lessons per week: Three

Topics	Key Content
WHAT SORT OF SENTENCE?	
COURT ROLE-PLAY PRESENTATION	Court role-play presentation
Q&A WITH MAGISTRATES IN THE COMMUNITY	Q&A with Magistrates in the Community How are young people treated by the justice system?
YOUNG PEOPLE AND THE JUSTICE SYSTEM	Find out the changes taking place in crime rates
WHAT'S HAPPENING TO CRIME?	
HOW BEST TO REDUCE YOUTH CRIME	Prepare group presentations ahead of the PCC's visit. Find out how to reduce crime
REDUCING CRIME	Q&A with local Police and Crime Commissioner (PCC) presenting ideas about reducing crime
THE LAW: A CITIZEN'S RIGHTS AND RESPONSIBILITIES	Find out about rightd and how they contribute to the legal system End of Theme C test

COMBINED SCIENCE (AQA)

BIOLOGY

Teachers:

Mrs S Tahir

Miss M Rashid

Ms A Osman

Ms M Ashworth

Number of lessons per week:

Two

Topics	Key Content
NON-COMMUNICABLE DISEASES	Non-communicable diseases Cancer Smoking and the risk of disease Diet, exercise and disease Alcohol and other carcinogens Non-communicable diseases revision/ summary and assessment
PHOTOSYNTHESIS	Photosynthesis The rate of photosynthesis How plants use glucose Making the most of photosynthesis Photosynthesis revision/ summary and assessment
RESPIRATION	Aerobic respiration The response to exercise Anaerobic respiration Metabolism and the liver Respiration revision/ summary and assessment

COMBINED SCIENCE (AQA)

CHEMISTRY

Teachers:

Mrs S Tahir

Miss M Rashid

Ms A Osman

Ms M Ashworth

Number of lessons per week:

Two

Topics	Key Content
CHEMICAL REACTIONS AND ENERGY CHANGES	C6 Electrolysis Introduction to electrolysis Changes at the electrodes The extraction of aluminium Electrolysis of aqueous solutions C7 Energy changes Exothermic and endothermic reactions Using energy transfers Reaction profiles Bond energy calculation

COMBINED SCIENCE (AQA)

PHYSICS

Teachers:

Mrs S Tahir

Miss M Rashid

Ms A Osman

Ms M Ashworth

Number of lessons per week:

Two

Topics	Key Content
UNIT 2 P7 RADIOACTIVITY	Atoms and radiation The discovery of the nucleus Changes in the nucleus More about alpha, beta and gamma radiation Activity and half-life
UNIT 4 P12 WAVE PROPERTIES	The nature of waves The properties of waves Reflection and refraction More about waves
P13 ELECTROMAGNETIC WAVES	The electromagnetic spectrum Light, infrared, microwaves, and radio waves Communications Ultraviolet waves x-rays, and gamma rays X-rays in medicine

ENGLISH

Teachers:

Mrs M Ahmad

Miss R Warner

Ms H Appleton

Number of lessons per week:

Four

Topics	Key Content
PRE 1914 NOVEL-JEKYLL AND HYDE	Character and setting Plot development Language techniques Social and historical attitudes of readers
AN INSPECTOR CALLS	Understand the main ideas in the play Look at how relationships develop and change Look at how characters develop and change Look at how the playwright uses language How the playwright uses dramatic devices How the audiences respond to the play. Understand the social and historical context of the play. Exam skills
WRITING SKILLS- DESCRIBE AND NARRATE ARGUE, PERSUADE AND ADVISE	Describe Persuade Inform Entertain Structuring responses effectively Using text features effectively Evaluation skills Familiarisation of mark schemes

FRENCH

Teacher: Mrs E Smart
Number of lessons per week: Three

Topics	Key Content
SCHOOL AND EDUCATION	Describe your school: type, size, facilities, subjects, school day, opinion Discuss school rules Compare schools in the UK and French-speaking countries School trips and visits
CAREERS	Discuss jobs and work preferences Future education and career plans Applying for jobs
GRAMMAR	Present tense – regular, irregular and reflexive verbs Possessive adjectives Emphatic pronouns Direct object pronouns with the perfect tense Adverbs Time phrases Future tense Verbs + à or de with infinitive Il faut/Il est interdit de + infinitive

GEOGRAPHY

Teacher: Mrs C Pennington

Number of lessons per week: Three

Topics	Key Content
WEATHER HAZARDS AND CLIMATE CHANGE	<p>To know the features of the global atmospheric circulation.</p> <p>To understand how circulation cells and ocean currents transfer and redistribute heat energy across the earth.</p> <p>To be able to describe how global climate was different in the past.</p> <p>To recognise how it continues to change due to natural causes.</p> <p>To describe the evidence there is form natural climate change.</p> <p>To know how human activities produce greenhouse gases.</p> <p>To recognise the negative effects that climate change is having on the environment and people.</p> <p>To describe the climate to the UK today and to know how that has changed over the past 1000 years.</p> <p>To understand the spatial variations in temperate prevailing wind and rainfall within the UK</p> <p>To recognise the significance of the UK's demographic location in relation to its climate</p>

HISTORY

Teachers: Miss E Jeremy

Number of lessons per week: Three

Topics	Key Content
CONTINUE LAST TWO TERMS WORK	Historical Environment of Medieval England

ICT

(CAMBRIDGE NATIONAL DIPLOMA)

Teacher: Ms R Begum

Number of lessons per week: Three

Topics	Key Content
REVISING AND REVISITING R001 –UNDERSTANDING COMPUTER SYSTEMS.	<p>Pupils will be focusing on revising for the R001 exam. All the topics and learning objectives for that unit will be covered and revisited for revision. Pupils will be given workbooks to work through as part of their R001 revision.</p> <p>Pupils will receive a lot of exam practice by doing a lot of exam style questions in preparation for their R001 exam which will be held in May.</p>

LIVING ISLAM

Teachers:	Dr. M Seddon	Mrs S Malek
	Mrs N Hafezi	Miss J Kossar
Number of lessons per week:	Two	

Topics	Key Content
THE IMPORTANCE OF MUSLIMS LIVING AS ACTIVE BRITISH MUSLIMS	
ROLE OF MUSLIMS IN THE COMMUNITY	
ANIMAL SHELTER	Living Islam is a subject where pupils put into practice what they have learnt about Islam and become active Muslim citizens. Throughout the year pupils take part in various chosen projects to help different services, from the elderly to homeless and animal shelters.
ELDERLY HOME	
SOUP AND SMILES – FEEDING THE HOMELESS	Pupils are expected to carry out activities outside of school and later on in life.
HOMELESS SHELTER (CORNER STONE/ SALVATION ARMY)	
ST ANNES HOSPICE	
TREES 4 MANCHESTER	
INTRODUCTION TO ISLAM WORK- SHOPS (HIGH SCHOOL/PRIMARY SCHOOLS)	
PRIMARY SCHOOL VISIT SESSIONS	
TREES FOR CITIES	
PROJECTS FOR THE NEIGHBOURS	

MATHEMATICS

Teachers:

Mrs T Anani

Mrs T Vadiya

Mrs M Vorajee

Number of lessons per week:

Five

Topics	Key Content
SHAPES AREA AND VOLUME	To follow from previous term: To calculate perimeter; area and volume; work on plane shapes and prisms; circles; sectors of circles; cylinders and spheres, pyramids and cones; accuracy and bounds; problem solving.
STATISTICS	Sampling, cumulative frequency, box plots, drawing and interpreting histograms, populations, problem solving.
EQUATIONS AND ALGEBRA	Solving simultaneous equations graphically, representing inequalities graphically, solving quadratic equations graphically, graphs of cubic functions, problem solving.

PHYSICAL EDUCATION

Teacher: Miss S Hughes

Number of lessons per week: One

Topics	Key Content
OUTWITTING OPPONENTS (GAMES)	Games: Rounders Throwing & catching; batting; fielding; tactics; full sized games with advanced positions, roles & tactics; umpiring and leadership skills.
HEALTH AND FITNESS	General Fitness Sessions- to keep pupils fit and active
ATHLETICS	Athletics More advanced running; jumping; and throwing skills and techniques.

QUR'AN

Teachers:

Mrs M Mahmood

Mrs N Malek

Mrs A Hussein

Number of lessons per week:

One

Topics	Key Content
HIGHER	
RECITATION JUZ 29	With only one lesson a week there is no memorisation for the higher group.
TAFSEER	
TAJWEED	Pupils continue their recitation in higher group applying correct tajweed rules
FOUNDATION	
RECITATION	
AL-BAQARA FROM	The girls continue to study Tafseer (meaning) of the surah, they discuss the meaning, the lessons learnt and have the opportunity to present their own understanding.
AYAH 94-141	
TAFSEER	
PERFECTION OF	Pupils by now have learnt tajweed rules and must apply them in all parts of their recitation.
PRONUNCIATION	
WRITING SKILLS	

RELIGIOUS STUDIES

Teachers:	Dr. M Seddon	Mrs S Malek
	Mrs N Hafezi	Miss J Kossar
Number of lessons per week:	Two	

Topics	Key Content
SEX, MARRIAGE AND DIVORCE	<ul style="list-style-type: none"> • Human sexuality including: heterosexual and homosexual relationships. • Sexual relationships before and outside of marriage. • Contraception and family planning. • The nature and purpose of marriage. • Same-sex marriage and cohabitation. • Divorce, including reasons for divorce, and remarrying. • Ethical arguments related to divorce, including those based on the sanctity of marriage vows and compassion.
FAMILIES AND GENDER EQUALITY	<p>The nature of families, including:</p> <p>The role of parents and children</p> <p>Extended families and the nuclear family.</p> <p>The purpose of families, including:</p> <p>Procreation</p> <p>Stability and the protection of children</p> <p>Educating children in a faith.</p> <p>Contemporary family issues including:</p> <p>Same-sex parents</p> <p>Polygamy.</p> <p>The roles of men and women.</p> <p>Gender equality.</p> <p>Gender prejudice and discrimination, including examples.</p>

SEPARATE SCIENCES

BIOLOGY

Teachers: Miss M Rashid

Number of lessons per week: Three

Topics	Key Content
RESPIRATION	Aerobic respiration The response to exercise Anaerobic respiration Metabolism and the liver Respiration revision/ summary and assessment
THE HUMAN NERVOUS SYSTEM	Principles of homeostasis The structure and function of the nervous system Reflex actions The brain The eye Common problems of the eye The human nervous system revision/ summary and assessment
HORMONAL COORDINATION	Principles of hormonal control The control of blood glucose levels Treating diabetes The role of negative feedback Human reproduction Hormones and the menstrual cycle The artificial control of fertility Infertility treatments Plant hormones and responses Using plant hormones Hormonal coordination revision/ summary and assessment
HOMEOSTASIS IN ACTION	Controlling body temperature Removing waste products The human kidney Dialysis-an artificial kidney Kidney transplants Homeostasis in action revision/ summary and assessment

SEPARATE SCIENCES

CHEMISTRY

Teachers:

Mrs S Tahir

Ms M Ashworth

Number of lessons per week:

Three

Topics	Key Content
CHEMICAL REACTIONS AND ENERGY CHANGES	6 Electrolysis Introduction to electrolysis Changes at the electrodes The extraction of aluminium Electrolysis of aqueous solutions 7 Energy changes Exothermic and endothermic reactions Using energy transfer reactions Reaction profiles Bond energy calculations Chemical cells Fuel cells

SEPARATE SCIENCES

PHYSICS

Teachers:

Ms A Osman

Number of lessons per week:

Three

Topics	Key Content
P7 RADIOACTIVITY	Atoms and radiation The discovery of the nucleus Changes in the nucleus More about alpha, beta and gamma radiation Activity and half-life Nuclear radiation in medicine Nuclear fission Nuclear fusion Nuclear issues
P12 WAVE PROPERTIES	The nature of waves The properties of waves Reflection and refraction More about waves Sound waves The uses of ultrasound Seismic waves
P13 ELECTROMAGNETIC WAVES	The electromagnetic spectrum Light, infrared, microwaves, and radio waves Communications Ultraviolet waves x-rays, and gamma rays X-rays in medicine

AREAS FOR REVISION

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

MANCHESTER ISLAMIC HIGH SCHOOL FOR GIRLS

55 High Lane

Manchester

M21 9FA

www.mihsg.org.uk

0161 881 2127