



MANCHESTER ISLAMIC
HIGH SCHOOL
FOR GIRLS

Spring 2017
Year 10

COURSE CONTENT BOOKLET

*Information for parents and guardians on the topics your daughter will study
in each subject over the Spring 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 Spring 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
HOLIDAYS	Information about use of free time and holidays Hobbies
SPORT	Sports shopping Pocket money
SPECIAL	Revision before the mock exam Relationships
CELEBRATION	Information about myself, family and friends Birthdays Family celebrations
RELEVANT GRAMMAR	Special occasions

ART

Teacher: Ms B Hockwart

Number of lessons per week: Three

Topics	Key Content
PERSONAL STUDY	Pupils to choose their own area of study, from past papers or the teacher's list. Research and investigation of topic. Gathering information through drawings, paintings, collage, mixed media, observation, abstraction and experimentation. Pupils will develop their ideas into a final piece of work in 2D/3D.

BCS

Teacher:	Ms R Begum
Number of lessons per week:	Three

Topics	Key Content
COMPLETION OF UNIT 8 –(ICT SYSTEMS IN BUSINESS) THEORY WORK.	<p>Pupils will continue to study the remaining last few chapters of the unit 8 as well as learning the practical work in preparation for both exams.</p> <p>Pupils will be studying about the different methods of communication that is used in an organisation and how they choose the right medium. They will also study some topics on how to train and reward staff. For example this will include things like</p>
START ON UNIT 9 (USING ICT IN BUSINESS) PRACTICAL WORK.	<p>look at the different ways used to pay staff and what other rewards can be offered to the staff other than the pay.</p> <p>Pupils will start to practice some new skills as well recap on some of the skills they had learnt during the mock test period.</p>

CITIZENSHIP

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

Topics	Key Content
GETTING ELECTED – HOW DOES IT WORK?	How an MP gets elected to the House of Commons
DOES EVERY VOTE ACTUALLY COUNT?	Advantages and disadvantages of different voting systems
WHO SHALL I VOTE FOR?	Learn the electoral system and the differences between the main political parties
GETTING INTO POWER	What happens after an election
FORMING A GOVERNMENT	How is government organised
EXAM TECHNIQUE PRACTICE	Exam questions and practice
HOW ARE LAWS MADE?	Understand the process a bill goes through before it becomes law
WESTMINSTER – DOES IT NEED REFORMING?	

CITIZENSHIP

Teachers: Mrs N Hafezi

Number of lessons per week: Three

Topics	Key Content
APART OR TOGETHER? THE UNITED KINGDOM	Changing views of devolution and independence in the UK
HOW ARE WE GOVERNED?	British constitution
BALANCING THE BUDGET	How the government spends its money
THEME C: LAW AND JUSTICE	Why we need laws
WHAT IS THE POINT OF LAW?	How the law protects rights and freedom
WHAT IS THE LAW?	Differences
CRIMINAL AND CIVIL LAW: WHAT'S THE DIFFERENCE?	Various roles of people who work within the criminal justice system
WHO PUTS THE LAW INTO PRACTICE?	
CRIMINAL COURTS: HOW DO THEY WORK AND WHAT ARE THEIR FUNCTIONS?	Differences between a magistrates court and a crown court
HOW ARE CIVIL DISPUTES SOLVED?	How civil disputes are resolved

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
ORGANISING ANIMALS AND PLANTS	The blood The blood vessels The heart Helping the heart Breathing and gas exchange Tissues and organs in plants Transport systems in plants Evaporation and transpiration Factors affecting transpiration Organising animals and plants revision/ summary and assessment
COMMUNICABLE DISEASES	Health and disease Pathogens and disease Preventing infections Viral diseases Bacterial diseases Diseases caused by fungi and protists Human defence responses Communicable diseases revision/ summary and assessment
PREVENTING AND TREATING DISEASE	Vaccination Antibiotics and painkillers Discovering drugs Developing drugs Preventing and treating disease 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
ATOMS, BONDING AND MOLES	C4 Chemical calculations Relative masses and moles Equations and calculations From masses to balanced equations Expressing concentrations
CHEMICAL REACTIONS AND ENERGY CHANGES	C5 Chemical changes The reactivity series Displacement reactions Extracting metals Salts from metals Salts from insoluble bases Making more salts Neutralisation and pH scale Strong and weak acids

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
P4 ELECTRIC CIRCUITS	Current and charge Potential difference and resistance Component characteristics Series circuits Parallel circuits
P5 ELECTRICITY IN THE HOME	Alternating current Cables and plugs Fuses Electrical power and potential difference Electrical currents and energy transfer Appliances and efficiency
P6 MOLECULES AND MATTER	Density States of matter changes of state Internal energy Specific latent heat Gas pressure and temperature Gas pressure and volume

ENGLISH

Teachers:

Mrs M Ahmad

Miss R Warner

Ms H Appleton

Number of lessons per week:

Five

Topics	Key Content
SHAKESPEARE: MACBETH	<p>Understand the main ideas in the play</p> <p>Look at how relationships develop and change</p> <p>Look at how characters develop and change</p> <p>Look at how the playwright uses language</p> <p>How the playwright uses dramatic devices</p> <p>How audiences respond to the play.</p> <p>Understand the social and historical context of the play.</p> <p>Written assessment</p>
PRE1914 TEXT	<p>Character and setting</p> <p>Plot development</p> <p>Language techniques</p> <p>Social and historical</p> <p>Attitudes of readers</p>

FRENCH

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

Topics	Key Content
MY LIFE	Revision of Food and Drink Describe daily routine Clothing Celebrations Festivals and traditions Discuss role models
WHERE I LIVE	Describe your town and local area: type, size location, climate, places of interest, things to do there Getting around – asking for and giving directions Advantages and disadvantages of where you live
GRAMMAR	Using polite language – tu or vous form? Question forms The pronoun “en” Venir de + infinitive Modal verbs Revision of present, perfect and future tenses Negatives

GEOGRAPHY

Teacher: Mrs C Pennington

Number of lessons per week: Three

Topics	Key Content
CHANGING LANDSCAPES OF UK	How did the UK 's main rock types form and what are their characteristics
	To know the characteristics of the UK's main rock types
	To understand the role of geology and past tectonic processes in the development of upland and lowland landscapes
	River Landscapes
	To understand the impact of river erosion and deposition on landscapes
	To be able to explain the ways rivers transport and deposit material
	To be able to identify the differences between upper, middle and lower courses of a river
To understand how river landscapes affect people and how people affect river landscapes	

HISTORY

Teachers: Miss E Jeremy

Number of lessons per week: Three

Topics	Key Content
MEDIEVAL ENGLAND:	Government, the rights of King and people
THE REIGN OF EDWARD 111 1272 – 1307	Life in Medieval England Edward's military campaigns in Wales and Scotland

ICT

(CAMBRIDGE NATIONAL DIPLOMA)

Teacher:	Ms R Begum
Number of lessons per week:	Three

Topics	Key Content
R001: UNDERSTANDING COMPUTER SYSTEMS UNDERSTAND HOW ICT CAN BE USED TO MEET BUSINESS NEEDS.	<p>The students are currently studying the R001 module – Understanding computer systems. This year the group will be sitting their one hour exam for the OCR Nationals in May 2017. The pupils will be entered for a one hour exam in May and then they will be practically assessed using a series of tasks given by the examining board in order to achieve their level 1 qualification (1/2 GCSE). They are currently learning about computer devices and their features; this consists of aspects such as the operating system and the different storage devices that are available to back up data, graphics and how data is captured. They will also learn about viruses, legal and ethical rights of a user as well as how ICT can be used to support a business.</p>

LIVING ISLAM

Teachers:

Mrs N Hafezi

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	
ELDERLY HOME	
SOUP AND SMILES – FEEDING THE HOMELESS	
HOMELESS SHELTER (CORNER STONE/ SALVATION ARMY)	
ST ANNES HOSPICE	
TREES 4 MANCHESTER	
INTRODUCTION TO ISLAM WORKSHOPS (HIGH SCHOOL/PRIMARY SCHOOLS)	
PRIMARY SCHOOL VISIT SESSIONS	
TREES FOR CITIES	
PROJECTS FOR THE NEIGHBOURS	
	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. Pupils are expected to carry out activities outside of school and later on in life.

MATHEMATICS

Teachers:

Mrs T Anani

Mrs T Vadiya

Mrs M Vorajee

Number of lessons per week:

Five

Topics	Key Content
UNIT 11 MULTIPLICATIVE	Growth and decay, compound measures, ration and proportion
UNIT 12 SIMILARITY AND	Geometric proof and congruence, similarity in 3 D shape
UNIT 13 MORE TRIGONOMETRY	Accuracy, sine , cosine and tan functions, sine rule, co-sine rule, 3-d problem solving, transformation of trig graphs

PHYSICAL EDUCATION

Teacher: Miss S Hughes

Number of lessons per week: One

Topics	Key Content
OUTWITTING OPPONENTS (GAMES)	<p>Health and Fitness</p> <p>Skill related and health related fitness tests / Methods of training – interval training / Fartlek / Components of fitness testing / Sports specific circuits / Circuit training</p> <p>Football</p> <p>Passing, control and turning / Heading / Shooting / Attacking and defensive strategies / Set plays and development of small sided games</p>
HEALTH AND FITNESS	<p>Games: Basketball</p> <p>Ball familiarisation / Dribbling / Pivot / Passing / Shooting / Attacking / Defending / Lay ups / Outwitting opponents / Development of basic game, with referees</p>
OUTDOOR AND ADVENTUROUS ACTIVITIES	<p>Games: Netball</p> <p>Development of more advanced rules in full game / umpiring</p> <p>Outdoor and Adventurous Activities</p> <p>Continue to develop orienteering / map skills / team building / problem solving</p>

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.
AYAHA 62-93	
TAFSEER	Pupils by now have learnt tajweed rules and must apply them in all parts of their recitation.
PERFECTION OF	
PRONUNCIATION	
WRITING SKILLS	

RELIGIOUS STUDIES

Teachers: Mrs N Hafezi

Number of lessons per week: Two

Topics	Key Content
KEY BELIEFS: CHRISTIANITY	God as omnipotent, loving and just, and the problem of evil and suffering, the oneness of God and the Trinity: Father, Son and Holy Spirit.
THE NATURE OF GOD	
DIFFERENT CHRISTIAN BELIEFS ABOUT THE AFTERLIFE AND THEIR IMPORTANCE	Different Christian beliefs about creation including the role of Word and Spirit (John 1:1–3 and Genesis 1:1–3). Resurrection and life after death; judgement, heaven and hell.
JESUS CHRIST AND SALVATION	Beliefs and teachings about: The incarnation and Jesus as the Son of God The crucifixion, resurrection and ascension Sin, including original sin The means of salvation, including law, grace and Spirit The role of Christ in salvation, including the idea of atonement.

SEPARATE SCIENCES

BIOLOGY

Teachers:

Miss M Rashid

Ms M Ashworth

Number of lessons per week:

Three

Topics	Key Content
COMMUNICABLE DISEASES	Health and disease Pathogens and disease Growing bacteria in the lab Preventing bacterial growth Preventing infections Viral diseases Bacterial diseases Diseases caused by fungi and protists Human defence responses More about plant diseases Plant defence responses Communicable diseases revision/ summary and assessment
PREVENTING AND TREATING DISEASE	Vaccination Antibiotics and painkillers Discovering drugs Developing drugs Making monoclonal antibodies Use of monoclonal antibodies Preventing and treating disease revision/ summary and assessment
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

SEPARATE SCIENCES

CHEMISTRY

Teachers:

Mrs S Tahir

Ms M Ashworth

Number of lessons per week:

Three

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ATOMS, BONDING AND MOLES	C4 Chemical calculations Relative masses and moles 4.2 Equations and calculations 4.3 From masses to balanced equations 4.4 Expressing concentrations
CHEMICAL REACTIONS AND ENERGY CHANGES	C5 Chemical changes The reactivity series Displacement reactions Extracting metals Salts from metals Salts from insoluble bases Making more salts Neutralisation and pH scale Strong and weak acid

SEPARATE SCIENCES

PHYSICS

Teachers:

Ms A Osman

Number of lessons per week:

Three

Topics	Key Content
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P5 ELECTRICITY IN THE HOME	Alternating current Cables and plugs Fuses Electrical power and potential difference Electrical currents and energy transfer Appliances and efficiency
P6 MOLECULES AND MATTER	Density States of matter Changes of state Internal energy Specific latent heat Gas pressure and temperature Gas pressure and volume

AREAS FOR REVISION

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

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