



Welcome to volume 5 of our weekly Newsletter! To keep you informed, each department in our Secondary School has provided a look into this week's curriculum.



Homework expectations

As listed in the Student Handbook, Middle School students are assigned an average of 1 hour of homework a week each subject and High School students an average of 1.5 hours of homework each subject a week. Homework assignments are varied, but can include:

- Reinforcement of skills / class work
- Preparation and/or completion of class work
- Research topics and investigations
- Longer term assignments
- Writing up notes from an experiment or other practical work
- Revision work
- Preparation for a presentation
- Completion of work started in class
- Collaboration on blogs and wikis

Please remember to continually check your daughter's school Agenda and Edmodo page for her specific homework assignments.



Edmodo

Please remember to continually check your daughter's Edmodo page for her mathematics class to keep updated on the all of the deadlines, assignments, and important information regarding your daughter's class. If you do not have access to your daughter's Edmodo page for math, ask her to obtain the activation code from her mathematics teacher or e-mail the teacher to request it.

IMPORTANT UPDATE ON MATHLETICS:

While we can understand that there may be technical issues that can make it difficult for students to complete Mathletics at home, we do give the student's a week to complete the homework for that reason. If there are internet problems at home, students are expected to consult with their maths teacher to complete this work at school during the week. We **do not** accept parent notes saying that there were internet issues causing the student to not complete their homework. The student will still be given a late mark. For this reason, please remind your daughter not to leave her homework to the night before the due date.

If there are internet issues at home, your daughter needs to come at lunch, break, or after school to complete the work on time. We truly appreciate your support in helping your daughter gain valuable responsibility skills.

Mathematics

Grades 6 – 8 continue to complete their weekly homework assignments on Mathletics.

Grades 9 – 11 continue to have weekly homework assignments.

Not completing weekly homework is unacceptable and detentions will be set until it has been completed.

A Peek at the Week

Grade 6:

We have continued our exploration of ratios through tape diagrams this week and will begin to look at ratio tables in the days to follow. Some classes also complete a ratio lab that used food coloring to explore equivalent ratios.

Grade 7:

This week we took our Winter MAP Test and began writing proportions, but class was not held on Wednesday due to Sports Day for Middle School. Students should continue to check Mathletics for weekly homework. Next week we will continue writing and solving proportions.

Grade 8:

This week we took our Winter MAP Test and continued to work on solving for missing degrees in different polygons, but class was not held on Wednesday due to Sports Day for Middle School. Students should continue to check Mathletics for weekly homework. Next week we will begin solving for exterior angles of different polygons.

Grade 9:

We will have a quiz on lessons 3.1 – 3.3 on Sunday 12 February. This quiz is about the following topics: function vs non function, linear vs nonlinear, finding domain and range in various representations, graphing a linear function, and explaining the difference between discrete and continuous data.

Grade 10:

We have been exploring polynomial addition and subtraction and will look into polynomial multiplication next week.

Grade 11:

We have begun our new unit on Factoring Polynomials. Some students may need extra practice on factoring out a GCF and factoring trinomials. A reminder to students to complete the revisions from the Unit 2 Exam in order to improve their grades.

Calculus:

We have been exploring Basic Differentiation Rules, The Product Rule, and the Quotient Rule. The girls are reminded to complete revisions on their Unit 2: Introduction to Differentiation Exam

AP Calculus:

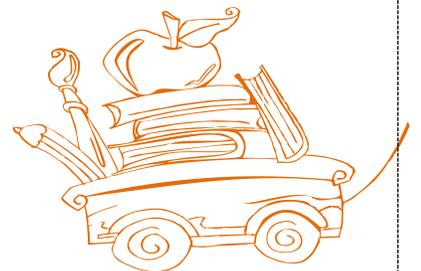
For the coming week, the AP students will be working on evaluating definite integrals and Riemann Sums, where they will apply their knowledge to solve problems with area under a curve and velocity of an object. They will also use the prerequisites from derivatives to calculate anti-derivatives of given functions

Mathematics 12:

We are working on simple interest in the Mathematics of Finance Unit and will be starting maturity value later this week.

Pre-Calculus:

Next week we will cover understanding the nature and number of zeroes and determine the asymptotes of rational expressions. Student notebooks will be returned and students are expected to respond to all feedback and complete all revisions.





English Social Studies

Grade 6 Ancient Civilizations

This week students will be finishing their enquiry on Imperial China, which has focused on significance as an historical skill. Students will specifically be writing an essay answering the overall enquiry question: Why was Imperial China so significant? Students will be using planning grids and word mats to help them to structure their writing effectively. Students will also be receiving feedback about their writing this week.

Key words for this week: Significance, Profundity, Quantity, Relevance, Importance

Grade 7 Geography

This week, students will expand on their knowledge of Brazil's geography. After reviewing the physical geography, students will make connections to local culture and human geography. Specifically, students will compare the lives of rich and poor in Brazil, focusing on the theme of Region.

Grade 8 English Social Studies

Students will learn about the House of Wisdom and how information was shared across the world during the Islamic Golden Age. They will begin to think about relevant individuals and contributions during this time to create a poster and our own "House of Wisdom" on the topic.

Grade 9 World Geography: Global Issues

This week Grade 9 Geography students will continue examining the global issue water. After exploring water accessibility around the world, students will brainstorm ideas to solve the impending water crisis. This brainstorm session will be followed by analyzing expert opinions and ideas on solving the worldwide water crisis.

English Social Studies

Grade 9 Islamic History

This week students will continue their enquiry on Africa, which focuses on interpretations as an historical skill. Students will use their learning about various aspects of African history to produce an exhibition that proves that Africa was not a "dark continent" before 1900 C.E. (as stated by historian Freidrich Hegel). At the end of the week, our classroom will be transformed into a mini museum with students able to circulate and enjoy each other's work.

Key words for this week: Colonialism, Historiography, Interpretations

Grade 10

Students will begin their study of the 1920s and why the era was known as "Roaring". They will start with an overview of the main topics they will be studying and begin to investigate topics that interest them in preparation for a peer teaching lesson they will do in the upcoming weeks

Business Studies weekly newsletter

Grade 9 Business have completed their marker research analysis for their Innovation project. The overall results were very positive and will help them in their next stage. In class, we will begin identifying the different business organizations from a Sole Trader to a Public Limited Company.

Grade 10 Business have been introduced to finance, such as how a business would calculate its revenue and profit. We also begin studying the importance of setting budgets when setting up a business.

Grade 11 economics are currently identifying scarce resources worldwide and also within the UAE. They are also researching what is being done to solve these scarcity issues both worldwide and here in the UAE.

Business Studies Continuation

Grade 12 Economics class are revising for their up and coming assessment which will be discussed in class.



Grade 6

Unit: Gravitational Forces

Grade 6 will begin their study on objects within our Solar system this week. 6CT/RS/SA will be conducting research using resources from the Knowledge Centre and classroom. Students should begin revising for their vocabulary test which will take place in the next 2 weeks.

Grade 7

Unit: Body System Interactions

DW/PJ/RK: Students will be reviewing for and taking their Unit Assessment on Body System Interactions. PJ/RK: test on Monday, Feb 13; DW: test on Tuesday, 14 Feb. They will then be introduced to the new unit on Survival.

MR: Students will be performing various activities and labs to help reinforce concepts they have learned for the digestive system. They will be having a Unit 2 test (Lessons 1-5) on Thursday, Feb. 16th.

Grade 8

Unit: Atoms

Students will continue to learn about the trends and patterns on the periodic table. They will have an upcoming comprehensive assessment on the Atoms Unit; students should be reviewing all Unit 2 information in preparation.



Science Continuation

Biology Grade 9

This week we will continue our study of the unit Natural Selection with an emphasis on Genetic Drift.

Objective: Identify the variation in the relative frequency of different genotypes in a small population, owing to the chance disappearance of particular genes as individuals die or do not reproduce. Activities to include guided notes, discussion, collaborative work and hands on activities.

Chemistry Elective Grade 9

Unit: Chemical Equations

Students are beginning a new unit on balancing equations and chemical reactions. They will investigate the importance of the Law of Conservation of Mass in regards to balancing equations. Students have a chemical bonding project due on February 14th. Students should also be completing and submitting their notebook for marking.

Grade 10 Biology

Unit: Systems Overview

10CK: Students will continue to learn about the human anatomy. After the introduction to all body systems, students will learn the role of the systems in homeostasis and how the systems interact with each other. Students will have a quiz of the complex inheritance genetics section they completed last week. The quiz will be on Monday, Feb. 13th.

10 LM/LS: This week we will be comparing the systems and analyzing how they work together to maintain homeostasis in the Human body. We will do numerous activities to illustrate ways in which our bodies strive for balance. Students have no projects or tests this week. (Edmodo code: ntsjys)

Science Continuation

Chemistry Elective Grade 10

Unit: Balancing Equations and Chemical Reactions

Students will start a new unit that reviews balancing equations and predicting types of chemical reactions including synthesis, decomposition, single displacement, double displacement and combustion. They will begin the unit with a pre-assessment and a station activity. They have a unit test on February 12th and a project due on February 13th.

Grade 11 Integrated Science

Unit: Nutrition

11EC & 11VP: Students will finish the lessons on nutrition and the food guide. They will start on their 3-day food assessment project and then apply their knowledge to create an ideal one-day meal plan for a person of their own age.

11RR: Students will be studying the role that nutrients play not only in digestion, but in maintaining a healthy balance in our systems. They will begin to analyze their own nutritional intake through a mini project. No tests or quizzes this week. Nutrition Quest will be next week. (Edmodo code: 3zgnrf)

Chemistry Elective Grade 11

Unit: Nomenclature

Students will begin a new unit that will focus on how to correctly name ionic compounds, covalent compounds and acids. This week we will begin our focus with naming covalent compounds. Students have their RAFT project due on February 14th.

Physics Elective Grade 11

This week we will continue our study of the unit called Newton's Three Laws of Motion with an emphasis on Free-Body diagramming. Activities to include guided notes, discussion, problem solving, free-body diagrams, collaborative work and independent work.

Science Continuation

Grade 12 Chemistry

Unit: Chemical Reactions

Students will continue reviewing chemical reactions and balancing equations. They will use what they have learned in their last unit to develop chemical reactions. They will also determine why balancing equations is an essential process and how it relates to the law of conservation of mass. Students must submit their worksheets on balancing equations and have a balancing equations quiz on Tuesday February 14th.

Grade 12 Biology

Unit: Immune System

Students will compare the role of different organs and types of cells in our Immune System. They will begin their project on an assigned disease at the end of the week. This will continue into next week. (Edmodo code: t9atzp)

Grade 12 Physics

This week we will continue our study of Thermodynamics with an emphasis on buoyancy problems and Pascal's Principle. Activities to include guided notes, discussion, problem solving, collaborative work, independent work and hands on activities.



Grade 7 and 8 Classes:

A wonderful week with the 7s and 8s. This week they performed their first oral presentation (reciting the alphabet, counting 1-20, and asking essential questions for the classroom). Their cartoon of two strangers meeting for the first time is due on Sunday. This coming week they will be introduced to key classroom vocabulary. They will be completing a listening quiz based on numbers, and greetings. They will be completing a written project about their classroom in the form of a map and a paragraph.

Grade 9 and 11 Classes:

Students finished their dialogue asking about each other's siblings. Students are to submit their project, writing a description of themselves and their family by Monday at the latest. They will be having a quiz based on adjectives. They will be learning the vocabulary of buildings found in a city. They will be learning how to read maps and give directions.

Grade 10 and 12 Classes:

Students will be handing in their menus for their French restaurant. We will also be discussing healthy eating habits, and completing a reading comprehension based on eating habits. They will be practicing the use of boire, manger and prendre.



GRADES 6 & 7: BAG SPEECH

Presentations begin. Students will self-assign presentation slots by signing their commitment to present on a specific day.

GRADES 9, 10, 11 & 12:

Physical rehearsals of Children's Theater Pieces continue.



Grade 6: Colour mixing and sketching for their Unique Colour Wheel

Grade 8: Sketching and Planning for their Imagination Landscape Painting

Grade 9: Bauhaus Project due on Monday. Students will begin learning about Abstraction.

Grade 10: Upcycling project due Wednesday.

Grade 11: Students will begin their independent art projects.

Grade 12: Students will begin their independent art projects.



Grade 6 will do Task 1: Research endangered animals and Task 2: create a power point presentation during “Creating effective presentations: Endangered animals”. (All lessons are available on Edmodo.)

Grade 7: will start unit “School Show Project” using Microsoft Publisher to create a poster, and a plan for their own school show. They will also research different types of tickets and invitations. In addition, they will continue presenting “all about me” presentations.(All lessons are available on Edmodo)

Grade 9

Will continue “animation project” unit by creating the animation itself using iMovie App. They have to do complete the storyboard Task, script task, and start creating the animation.(All lessons are available on Edmodo)

Grade 12

Will continue the “App development Unit” where they have to create the final Logo for their developed App, the final business card for their business, finalize their survey questions. (All lessons are available on Edmodo)



Middle School

After such an eventful sports day the middle school students are moving on to a new topic. The students will be given the opportunity to develop their skills in soccer; they will be covering things such as ball manipulation, game tactics rules and strategies.

High school

High school students will begin a new topic this week, they will be developing their soccer skills covering topics such as, game rules and tactics, ball manipulation, control, passing and shooting,



Grade 6 English will continue reading The Tale of Despereaux. Additionally, they will be choosing independent projects to complete and completing a reading check quiz.

Grade 7 English will continue reading Journey to the River Sea. Students will complete a writing assignment related to their reading.

Grade 8 English will continue reading Heart of a Samurai, they will be working on a Prejudice Project, producing a thematic collage, a poetry collection, a diorama, or a graphic novel. Additionally, they will continue MAP testing.

SZPAG Middle School Electives Rotation

Grade 6

Rotation 3

29th January – 23rd March

ICT	6SA
Drama	6RS
Art	6CT
Study Skills	6JH

Grade 7

Rotation 3

29th January – 23rd March

ICT	7MR
Drama	7DW
French	7PJ
Study Skills	7RK

Grade 8

Rotation 3

29th January – 23rd March

Business	8AL
Art	8LM
French	8MM
Study Skills	8LR

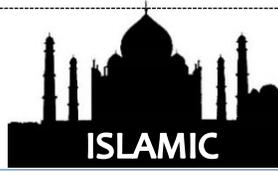
English continuation

Grade 9 English will continue our study of Shakespearean Drama. We will complete reading Act 3 of Romeo and Juliet.

Grade 10 English will be continuing with our Shakespeare unit. We will continue reading Act 3 of Hamlet. Students will also be continuing their daily grammar instruction with focus on sentence parts and clauses.

Grade 11 English will be continuing with our Shakespeare unit. We will continue with Act 4 of The Tempest.

Grade 12 English will be continuing with our Shakespeare unit. We will continue with Act 4 of Macbeth.



ISLAMIC

Subject	Grade	Assignment
Islamic Studies	6	شرح درس الحديث أخلاق حميدة+ اختبار تلاوة في الآيات (23 – 30) سورة السجدة ص 147+ تذكير بمراجعة الدروس (سورة السجدة من (13 – 22) والإدغام والإظهار) المطلوبة للاختبار الأسبوع القادم.
Islamic Studies -AAL		Cont. God is with me + work book
Islamic Studies	7	متابعة درس غزوة الأحزاب + تسميع حديث (ان الله لا ينظر إلى صوركم) + التذكير بالتحضير لاختبار الأسبوع القادم بالدروس التالية: الخلاق العليم+الميم الساكنة+ غزوة الأحزاب.
Islamic Studies -AAL		Cont. (The Holy Book) + work book
Islamic Studies	8	تسميع حديث العمرة إلى العمرة كفارة ص 156+ اختبار تلاوة شفوي في الآيات ص 115+ التحضير لإختبار بالدروس التالية: أصحاب القرية+أحكام المد+أحكام العمرة في الأسبوع القادم.
Islamic Studies -AAL		Cont. Lukman – The wise part 2
Islamic Studies	9	شرح أحكام المد + اختبار تلاوة + آخر موعد لتسليم المشروع+ التذكير اختبار دين في الدروس الآتية(الحجرات سلامة المجتمع +الحلال بين+الامام مسلم رضي الله عنه) الأسبوع القادم.
Islamic Studies -AAL		Cont. Be faithful to Allah and kind to parents
Islamic Studies	10	شرح درس أحكام الزواج .
Islamic Studies – AAL		Cont. Prophet Essa (AS) – work book
Islamic Studies	11	شرح درس الشورى .
Islamic Studies	12	Gambling and Lottery
Islamic Studies – AAL		شرح درس الطاعة و الامتثال طريق الإيمان .

ملاحظة

الرجاء متابعة الادمودو كل يوم الخميس لمتابعة المطلوب و لمعرفة أي تغير في وقته.



Subject	Grade	Assignment
Arabic -Najah	11,12	اختبار نحو(أفعال المقاربة – النداء) - البدل – الطين .
Arabic- Rabab-Laila	11	أفعال الرجاء – النداء
Arabic- -Laila -Nariman	10	قصيدة (أنا من بدل بالصحب الكتابا) أحمد شوقي
Arabic- Rabab-Nariman	9	درس الاستعارة – قصيدة لن أبكي
Nada - Laila	8	حديث شريف (المؤمن القوي) _ الأفعال الخمسة.
Iman- Nada	7	شرح درس من هدي النبوة
Iman- Rabab-Nariman	6	تعبير + إملاء



Arabic Social Studies

Subject	Grade	Assignment
Arabic social studies	6	مبادرات الشيخ خليفة بن زايد آل نهيان
Arabic social studies	7	صفات المواطن الصالح والعمل التطوعي.
Arabic social studies	8	حكومة المستقبل التساؤل 2.
Arabic social studies	9	تكملة درس الرؤية الأولى التعليم النظامي الحديث في الإمارات.

