

To: Year 12 Parents,

RE: CURRICULUM NEWSLETTER

Date: 1st October

Our Academy Core Priorities 1st Safeguarding, 2nd Teaching and Learning

Our Key Tarbeeya Theme - Character Lives In My Behaviour (**CLIMB**), A Culture of Respect and developing Self Esteem.

Our Key Current Target - Developing Globally Competent Learners

Dear Parent/Guardians,

Welcome to the Curriculum newsletter outlining what your child will be studying this week at Al Jazeera Academy. We also include in this letter each week some important reminders along with an update on some of the key Secondary School issues in learning and some of the achievements of our young people.

I would just like to take this opportunity to remind you just how important it is for your child to be a regular attender of school and be in school on time. Just two weeks missed of school is the equivalent of a 90% attendance rate which could affect your child's progress this year. With mid semesters looming I would urge you to highlight the importance of attending school with your child/children.

Please note that all assessment reports this year will be delivered through the parent app and no school reports will be printed. Please come into school and seek advice on how to download and set this up. The reception staff will be happy to assist you.

Finally, please ensure your child/children come to school in the correct uniform and they come to school properly equipped and eager to learn. No thobes or jogging style trousers are acceptable for the boys. We have a strict policy on uniform this year which may result in your child being sent home. We thank you in anticipation of your support.

| Subject | Week Commencing 30 th September |
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| <p>AS Maths</p> | <p>This week your child will be learning:</p> <p>Transformation of graphs, coordinate geometry</p> <p>The home learning this week will be to:</p> <p>https://app.myimaths.com/myportal/library/15/161 https://app.myimaths.com/myportal/library/15/161/1722#collapse5</p> |
| <p>English</p> | <p>This week your child will be learning: to examine and explore the features used in charity advertisements and the impact they have on the reader. To craft and create a charity TV appeal.</p> <p>The home learning this week will be to: To complete activities 1.2 and 2 in the AS textbook.</p> |
| <p>Biology</p> | <p>This week your child will be learning:</p> <ul style="list-style-type: none"> > Analyse and interpret quantitative data on illness and mortality rates to determine health risks (including distinguishing between correlation and causation and recognising conflicting evidence). > Analyse data on energy budgets and diet so as to be able to discuss the consequences of energy imbalance, including weight loss, weight gain and development of obesity. > Evaluate design of studies used to determine health risk factors (including sample selection and sample size used to collect data that is both valid and reliable). > Explain why people's perceptions of risks are often different from the actual risks (including underestimating and overestimating the risks due to diet and other lifestyle factors in the development of heart disease). > CORE PRACTICAL 1- Describe how the effect of caffeine on heart rate in Daphnia can be investigated practically and consideration of whether there are ethical issues in the use of invertebrates |

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| | <p>> CORE PRACTICAL- 2 Describe how to investigate the vitamin C content of food and drink.</p> <p>The home learning this week will be to:</p> <p>Revision for baseline Biology test to support understanding</p> |
| Chemistry | <p>This week your child will be learning:</p> <p><u>Enthalpy</u></p> <p>a demonstrate an understanding of the term enthalpy change, ΔH</p> <p>b construct simple enthalpy level diagrams showing the enthalpy change</p> <p>c recall the sign of ΔH for exothermic and endothermic reactions, e.g. illustrated by the use of exo- and endothermic reactions in hot and cold packs.</p> <p>d recall the definition of standard enthalpy changes of reaction, formation, combustion, neutralisation and atomisation and use experimental data to calculate energy transferred in a reaction and hence the enthalpy change of the reaction. This will be limited to experiments where substances are mixed in an insulated container and combustion experiments</p> <p>f evaluate the results obtained from experiments using the expression: energy transferred in joules = mass \times specific heat capacity \times temperature change</p> <p>and comment on sources of error and assumptions made in the experiments. The following types of experiments should be performed:</p> <p>i experiments in which substances are mixed in an insulated container and the temperature rise measured</p> <p>ii simple enthalpy of combustion experiments using, e.g. a series of alcohols in a spirit burner</p> <p>The home learning this week will be to:</p> <p>Worksheet on Delta H definitions and associated calculations</p> |
| Physics | <p>This week your child will be learning:</p> <p><u>Forces</u></p> |

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| | <p>*Draw and interpret free - body force diagrams to represent forces on a particle or on an extended but rigid body, using the concept of centre of gravity of an extended body</p> <p>*Investigate, by collecting primary data, and use $\Sigma F = ma$ in situations where m is constant (Newton's first law of motion ($a = 0$) and second law of motion)</p> <p>*Use the expressions for gravitational field strength $g = F/m$ and weight $W = mg$</p> <p>The home learning this week will be to:</p> <p>Past paper questions on forces</p> |
| ICT | <p>This week your child will be working on Section A of the coursework assignment - Online Services. The first example should be complete before the end of the week.</p> <p>Home Learning: Continue on working through their assignment for Section A Online Services.</p> |
| Business Studies | <p>Your child will learn about: Demand and Supply</p> <p>They will learn to define demand and supply as well as the factors that affect the demand and supply of goods and services. Students will be able to tell the difference between these factors and how each one can increase or decrease the demand and supply of goods and services.</p> <p>Home Learning: Attempt IAS past exam questions on Demand and Supply.</p> |
| BTEC Business Studies | <p>Your child will learn about: Business Organisation</p> <p>They will learn the key differences between tall, flat and matrix structures and how these are adopted in Businesses. They will also be able to explain the impact that these types of structures have on a business achieving their overall aims and objectives.</p> <p>Home Learning: Complete coursework assignment</p> |
| History | <p>This week your child will be learning: crisis and survival 1919-24 the reasons for, and the impact of, the challenges from the extreme left and the extreme right in Germany in these years</p> <p>The home learning this week will be to: make notes, complete tasks and write an essay</p> |

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| <p>BTEC Travel and Tourism</p> | <p>This week your child will be learning: about the characteristics of travel and tourism and working towards their first brief</p> <p>The home learning this week will be to: work independently from the text and their own research</p> |
| <p>Art</p> | <p>This week your child will be learning:</p> <p>Observational drawings for the chosen study and artist research</p> <p>The home learning this week will be to: to have a variety of observational drawings and research</p> |
| <p>Global Perspectives</p> | <p>This week your child will writing their PowerPoint slides on their team project as part of coursework unit 1</p> <p>The home learning this week will be to: work on the project carrying out research</p> |
| <p>Arabic</p> | <p>This week your child will be learning: زواج الإنترنت بين القبول والرفض</p> <p>الأفعال الخمسة</p> <p>The home learning this week will be to:</p> <p>اكتب مقالاً عن ظاهرة إدمان مواقع التواصل الاجتماعي</p> |
| <p>Islamic Studies</p> | <p>This week your child will be learning:</p> <p>درس: الميزان/ صفحة 58 : 64</p> <p>The home learning this week will be to: إجابة أسئلة كتاب النشاط:</p> <p>ص52</p> |

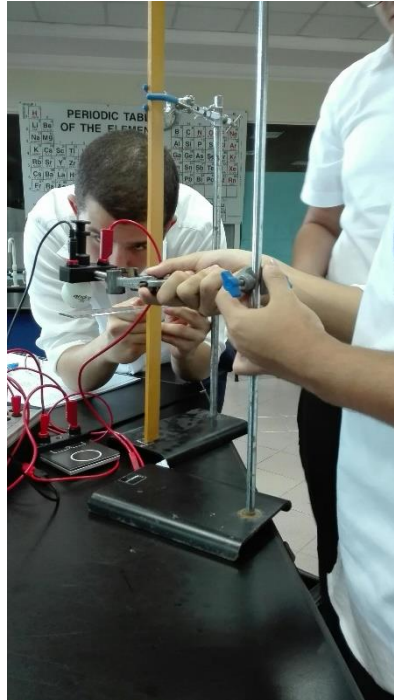
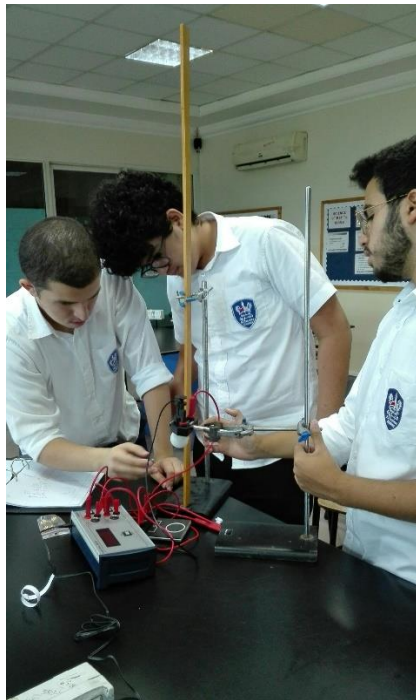
1. Some Key Reminders

- **Students must bring their tablets to all lessons.** Please ensure that your child has their tablet with them fully charged at all times.

- **Mobile phones are not allowed to be used by pupils in school at any time.** If pupils bring them they must be handed in at the start of the day and collected at the end of the day. Phones will be confiscated if pupils are caught with them.
- **Full School Uniform must be worn at all times.** Thobes and jogging trousers are not allowed. Abayas can be worn but over the full school uniform. Please note that you will be contacted should your child arrive in non school uniform.

2. School Events

Physics AS Boys off to a flying start

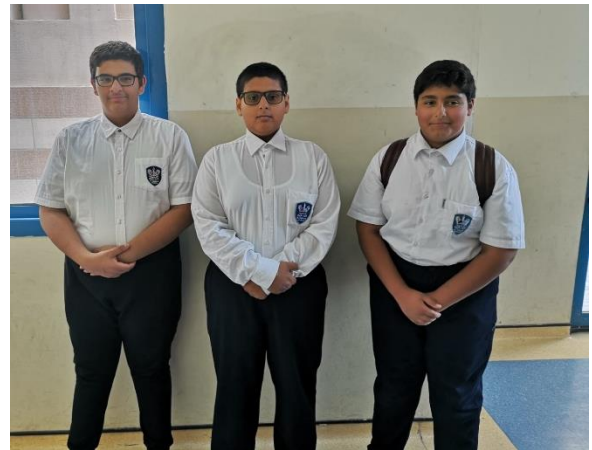


The year 12 Boys studying Physics for AS Level have been carrying out experiments. This experiment was a practical to get a value for gravity

Uniform Standards

With the drive to improve uniform we are really pleased to be seeing students coming into school looking so smart.

Please see the picture of our Year 9 boys modelling the school uniform expectations.



Taalum University Fair

Year 12 students visited the Taalum Careers Fair held at Al Maha Girls school where they attended university stands and gathered information about future university courses and looked at future career opportunities.

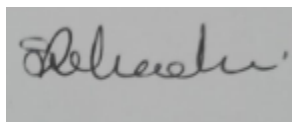
Calendar of event this week:

30th September- Visit from Sugar and Spice for Year 10 and 11 Business Studies students

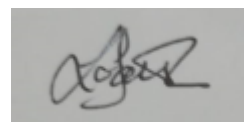
3rd October - year 12 students leading an assembly on the Pink October events for the month ahead.

We hope you have enjoyed our weekly letter and look forward to receiving your feedback.

Yours sincerely,



Samira Rokadia
Deputy Head of Secondary (Academic)



James Batts
Head of Secondary