









Area for	Focus	Activities	Useful Websites/Apps
learning			
English 1 st Language	Analysing language and summary writing	 Go through the various links provided to you and then attempt the following task. Prepare a mind map for a writer's effects question. Read a newspaper article of about 350 -400 words and write a summary in 120 words 	https://igcse1english.wordpress.com/c ategory/paper-2-question-2-writers- effect/ https://www.youtube.com/watch?v=Rz b6GnfmgMY
English 2 nd Language	Summary writing and Note making	 Read a past paper and attempt questions on the summary writing and note making. Refer to the marking scheme and check the response based on the rubrics and the possible answers. 	https://www.igcsecentre.com/how-to-write-a-summary/ https://www.youtube.com/watch?v=iW _CNFEmRIU









English Literature	Poems by Carol Ann Duffy.	 Refer to the link provided. Read through the poems of Duffy, as it forms your external reading. Examine various styles incorporated in the poem of Carol Ann Duffy. Analyse and compare the themes presented in these poems, to the ones already attempted in class. 	k/poem/anne-hathaway/
Mathematics (Accelerated)	Differentiation Learning Objectives: To calculate the gradient at a point on a curve, given its equation To find the equations of	 Make a list of derivatives of simple functions Research on how to find the gradient of a curve at a differentiation at a point. Research on the applications of differentiation. How do you find maximum and minimum points using differentiation? 	https://www.youtube.com/watch?v=u7 UwkUH0c1c https://www.youtube.com/watch?v=9A I3BkKQhn0







	To calculate an unknown		
(Extended)	Learning Objectives:	and proportion.	directly-inversely-proportional.html
Mathematics	Variation	Research and differentiate between variation	https://www.mathsisfun.com/algebra/
			https://www.youtube.com/watch?v=Y0 QPJjso_9w
			https://www.youtube.com/watch?v=_P zGssi9Hgw
	To use second derivatives to distinguish minimum and maximum points		https://www.youtube.com/watch?v=W Cq3sRzsJfs
	To locate maximum and minimum points on the graph		https://www.youtube.com/watch?v=9p Wiu7VxXP4
	the tangent and normal to a curve at a point.		https://www.youtube.com/watch?v=AU bTx0IdTlw



Jebel Alli ligh Study Progress Programme YEAR 10 JANUARY 2021





quantity from quantities
that vary in direct or
inverse variation

 Create word problems on the applications of inequalities. Frame the inequality and find the possible values which satisfies it. https://math.libretexts.org/Bookshelve s/Algebra/Book%3A_Elementary_Algeb ra_(OpenStax)/08%3A_Rational_Expres sions_and_Equations/8.09%3A_Use_Dir ect_and_Inverse_Variation

Algebra:

Learning Objectives:

- To solve compound linear inequalities
- To solve simultaneous equations where one equation is linear and the other one quadratic
- To add, subtract, multiply and divide algebraic fractions with variable on the denominator.

- Write down the methods of solving linear simultaneous equations. Which method suits quadratic simultaneous equations?
- Make a list of points to be noted while adding, subtracting, multiplying and dividing algebraic fractions

https://www.mathsisfun.com/algebra/inequality-solving.html

https://www.coolmath.com/algebra/07 -solving-inequalities/06-compoundinequalities-01

https://www.mathsteacher.com.au/yea r10/ch13_quadratic_graphs/10_simult_ equations/simquad.htm







	To simplify algebraic fractions and write as a single fraction		https://www.youtube.com/watch?v=UA txyHpttJI
Physics	WORK, ENERGY AND POWER	 Revise and practice questions from past paper on work, energy and power. 	 www.skool.co.uk www.lslandphysics.com
	 To relate work done to the magnitude of a force and the distance moved To describe energy changes in terms of work done 	Energy in Energy out	 https://hgphysics.com/gph/d- energy/work/ https://www.bbc.co.uk/education/g uides/zssk7ty/revision
	To recall and use W= Fd	Kinetic energy Kinetic energy	<u>uiues/255K/ ty/TevisiUII</u>







	 = E To relate power to work done and time taken, using appropriate examples To recall and use the equation P =E/t to solve problems. 	 Make an interactive presentation on different types of energy resources using GLOGSTER. Use PADLET and give examples for each type that is present in UAE or in your home country. Use the ideas of transfer of energy and power to explain the following: Water at the bottom of water- fall is warmer than at the top. Our hands become warm when we rush them against each other. 	 http://www.bbc.co.uk/schools/gcse bitesize/science/21c/sustainable_e nergy/choosing_energy_sourcesrev 1.shtml http://www.bbc.co.uk/schools/gcse bitesize/geography/energy_resourc es/energy_rev1.shtml https://www.youtube.com/watch?v =pDK2p1QbPKQ
Chemistry	METALS AND REACTIVITY	To carry out Experiments the reaction of	www.chemtopics.com/elements/alkali/
	SERIES: • Listing the general	metals/non-metals with oxygen and the reaction of metal oxides with carbon	alkali.html
	physical properties of	To carry out reactions of metals with water,	









		F
metals and the general chemical properties of metals	 Students, in groups, research different alloys and their uses. Results to be presented on a poster. 	www.webelements.com/ www.rsc.org/chemsoc/visualelements/ index.htm
 Describe the reactivity series as related to the tendency of a metal to form its positive ion 	 Modelling a metallic structure using a shallow dish of water with detergent Experiments based on Reaction of Calcium, magnesium with water; Magnesium, zinc with steam; Magnesium, zinc, iron with dilute hydrochloric acid. 	www.ptable.com/ www.chemicool.com/ http://www.chem4kids.com/files/elem _noblegas.html
underactivity of aluminium THE PERIODIC TABLE:	 Activity 1: Describe the relationship between group no., no. of valency electrons Activity 3:	http://www.bbc.co.uk/schools/gcsebit esize/science/aqa/fundamentals/thep eriodictablerev1.shtml
To understand the concept underlying the	 Students will draw an infographic poster on the different types of reactions along with 	https://schoolworkhelper.net/metals-







	arrangement of	examples and their explanation.	chemical-physical-properties/
	elements in the periodic		
	table and explain the		
	trends.		
	Describe the general physical and chemical properties of metals.		
Biology	PLANT NUTRITION:	Investigate the different types of leaves and	
	To explain how the	pigments present in a leaf using simple	http://www.biotopics.co.uk/plants/
	structure of the leaf is adapted for	experiments.	psfac2.html
	photosynthesis.	Design a poster to find out how are leaves	
		designed to increase photosynthesis.	http://www.encyclopedia.com/plant
	• To investigate the	Research and find out what do plants do with	s-and-animals/botany/botany- general/chlorophyll
	 To investigate the necessity for chlorophyll, 	the glucose made by them.	
	necessity for emerophyn,		http://www.webexhibits.org/causes



Jebel Gli ligh Study Progress Programme YFAR 10 JANUARY 2021









light and carbon dioxide for photosynthesis, using appropriate controls.

- Describe the importance of:
 - Nitrate ions for making amino acids
 - Magnesium ions for making chlorophyll.

HUMAN NUTRITION

- To define balanced diet and its importance.
- To explain how age, gender and activity

- Design a poster displaying how each limiting factor can affect the rate of photosynthesis.
- Make a report on the main sources of each type of nutrient in their own country and also compare how diets differ in other parts of the world.
- Keep a record of the food that they eat during one day, and then consider whether they are obtaining the nutrients that they need.
- Conduct an interview a pregnant woman regarding her diet in different trimesters of her pregnancy

ofcolor/7A.html

http://study.com/academy/lesson/ how-chlorophyll-absorbs-lightenergy.html

http://anatomyandphysiologyi.com/ digestive-system-overview/

https://youtu.be/i5MH6ddyi74

http://www.nationalgeographic.com /what-the-world-eats/

https://www.quora.com/Why-isfood-so-different-around-the-world







share	encourage

	 affect the dietary needs of humans including during pregnancy and whilst breast-feeding. Describe the effects of malnutrition in relation to starvation, constipation, coronary heart disease, obesity and scurvy. 		http://www.webmd.com/parenting/baby/nursing-basics#1 http://www.livescience.com/45090-pregnancy-diet.html
Food and Nutrition	SOURCES AND FUNCTIONS OF THE FOLLOWING NUTRITIVE VALUE OF FOODS: • proteins, • carbohydrates • fats • vitamins (A, C, D, E, K, B group – thiamin,	 Use different visual aids to show how water, light and air affect nutrients Cut out pictures of foods from magazines and sort into Nutrient groups. Paste them onto card and design a game, (eg, like snap or happy families) matching the name of the nutrients with the sources and function. Design an experiment to see what happens to vitamins when heat is applied. Adapt any recipe containing <u>carrot</u> to make 	Food a fact of life website - http://www.foodafactoflife.org.uk/ The Eatwell plate- https://www.gov.uk/government/pu blications/the-eatwell-guide Nutrients www.healthline.com/health/food-









	riboflavin, nicotinic acid and cobalamin) • mineral elements (calcium, iron, phosphorous, potassium, sodium, fluoride, chloride, iodide) • water • Sources and uses of food energy. • Sources and functions of nonstarch polysaccharide (NSP)/dietary fibre.	something different keeping in mind to retain the nutritive value as much as possible.	nutrition/six-essential-nutrients • www.nia.nih.gov/health/important-nutrients-know-proteins-carbohydrates-and-fats
Economics	TYPES OF BUSINESS ORGANISATIONS To understand the different types of	 There are lots of different ownership models, each one has an advantage and disadvantage: Research on the following companies: 	www.bized.co.uk www.cie.org.uk







	business	Apple	www.dineshbakshi.com
	organisations.	A local cafeteria	www.tutor2u.net
		• Tesco	www.cie.org.uk,
	To analyse the ownership models.	Manchester united	Economics Text books
		Netflix	
		• Oxfam	
		 Do you think any of them are sole traders? Or partnerships? Or a franchise? Or a public limited company? What happens if these companies go bankrupt? What kind of companies mostly contribute to the social costs and social benefits? 	
Accounting	INTRODUCTION TO DEPRECIATION	Research on the type's assets, which are depreciated and analyse the reasons why assets lose its value over time.	www.tutor2u.net
	To introduce the concept of	Evaluate how the accounting concepts are	www.dineshbakshi.com









	Depreciation, its need and effect in the financial statements.	applied while depreciating the assets- Concepts include Matching, Prudence, Historic Cost, and Consistency.	www.cie.org.uk
Business Studies	RECRUITMENT PROCEDURES IN COMPANIES To analyse the importance of different companies having different recruitment and selection processes.	 Research the role of the HR in putting different recruitment and selection processes for top 100 companies. Analyse what makes the companies different in terms of their processes. Research on the following companies: ✓ Google ✓ Salesforce ✓ Boston Consultancy Group ✓ Ernest and young ✓ Standard and poor 	www.bized.co.uk www.tutor2u.net www.s-cool.co.uk www.businesscasestudies.co.uk There respective websites Text Books/journal
Travel and Tourism	LEDC in Travel and Tourism Industry	 Many Less Economically Developed Countries (LEDCs) are expanding their tourism industries. Explain three ways in which the national economy of such countries is likely to benefit from the development of tourism. Assess the services that are usually provided 	











	Tourist Information Centre	by city centre Tourist Information Centres (TICs) for the benefit of visitors to a destination.	Local travel Magazines Textbook www.tutor2u.net
Sociology	CULTURE, IDENTITY AND SOCIALISATION Learning Objective: • To diagnose the Processes through which children learn social expectations (e.g. manipulation, hidden curriculum)	 Research the methods through which children learn social expectations. Give examples of various social agencies help the individuals to behave in a socially approved manner. Explain in the way the child hood is socially constructed. 	https://revisesociology.com/2017/08/04/culture-socialisation-social-norms-introduction/ https://www.learncbse.in/sociology-class-11-notes-chapter-4-part-a/











		Create a e-poster to show your learning.	
Psychology	Psychological problems- introduction to mental health issues, depression and addiction Learning Objective: To explore the diagnostic tool to identify mental health issues	 Research mental health issues, depression and addiction; their symptoms, causes. Use the symptoms list from ICD as a framework to understand what symptoms are and why they are important. Create a presentation of your choice e.g. prezi, google slides, webpage etc that can be used for revision. 	https://www.healthgrades.com/right-care/mental-health-and-behavior/psychological-disorders#:~:text=The%20specific%20causes%20of%20psychological,occur%20more%20frequently%20in%20women. https://www.psychguides.com/mental-health-disorders/
Geography	Map skills	Research how to interpret physical and human features on OS maps.	https://www.bbc.co.uk/bitesize/article s/zx4xdp3
15 Doze	Learning Objective: To investigate the different human and physical features on an OS map	 Use 4 figure and 6-figure grid references to identify features on a map. Use geographical terminology to describe the human and physical features on a map. 	https://www.geographypods.com/map -skills.html











		Create your own map with at least 10 different human and physical features. Make sure you map has a key.	http://www.geobytes.org.uk/osmapskil ls.html?fbclid=IwAR0HIPm5eP7y5P7Z NmamGtLGG9DvZ7vzUM0VZhg7ls4si- mJrhpEfzYMfcY
History	Collapse of the International peace in 1939 and outbreak of WW II	 Research the causes of WW II-various factors and events leading to the outbreak of the war in 1939. Find out why the International peace collapsed. 	https://www.lcps.org/cms/lib/VA0100 0195/Centricity/Domain/10599/Causes %20of%20WWII.pdf
	Learning Objective: To analyse the causes of the 2 nd World war	 Evaluate To what extent Hitler's foreign policy was responsible for WW II and if the war could have been avoided. 	https://www.historyhit.com/causes-of-world-war-two-in-europe/ https://www.history.com/topics/world-war-ii
		Create e-poster for revision.	
Global Perspectives	EVALUATING REASONING.	Research how to analyse and evaluate quality of reasoning and arguments.	https://www.futurelearn.com/info/courses/logical-and-critical-











	 First identify qualities of good reasoning. Identify the purpose and parts of an argument. Analyse the qualities of a convincing argument. Examine IGCSE past papers 0457/01 from 2016-2020 for questions on this topic. Answer 2020 March and June Questions on this topic. 	thinking/0/steps/9155 https://learn.lexiconic.net/argumentevaluation.htm https://www.insightassessment.com/article/measuring-reasoning-skills
Environmenta I AGRICULTURE AND ENVIRONMENT	 Agriculture is one of the important economic activities in UAE eventhough the country has a desert climate. Investigate the impact of agricultural practices on the environment and people ✓ overuse of insecticides and herbicides ✓ overuse of fertilisers ✓ mismanagement of irrigation causing salinisation 	https://www.nationsencyclopedia.com/ Asia-and-Oceania/United-Arab- Emirates- AGRICULTURE.html#:~:text=United%20 Arab%20Emirates%20%2D%20Agricultu re&text=Only%20about%2081%2C000% 20hectares%20(200%2C000,and%2036 %25%20for%20other%20uses.&text=In %201999%2C%20UAE%20agriculture% 20produced,and%20358%2C000%20ton s%20of%20fruit.









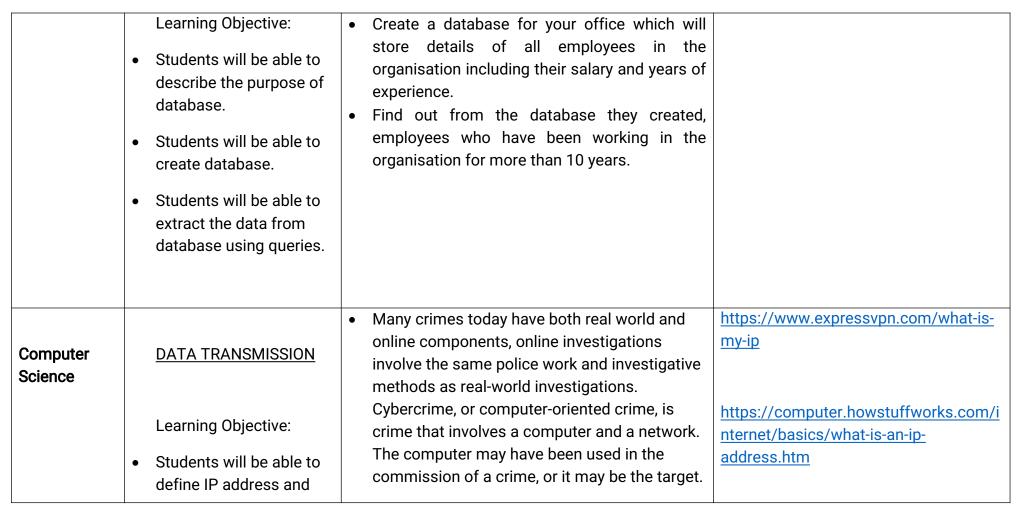


		✓ waterlogging	https://u.ae/en/information-and-
		✓ overproduction and waste	services/environment-and- energy/agriculture-sector
		✓ exhaustion of mineral ion content	
		✓ soil erosion	https://www.khaleejtimes.com/busines
		✓ cash crops replacing food crops	s/local/firms-serve-up-assistance-to-
		Which of these impacts do you think may be experienced in UAE and why?	uae-food-security-mission-
		Create a presentation of your choice about agriculture and its impact on the environment in UAE. Your explanation should be summarised. Include images.	
ICT	<u>DATABASE</u>	Explore the importance of creating database for an organisation and to understand the advantages of the same.	https://www.tutorialspoint.com/ms_access/ms_access_create_database.htm



Jebel alli ligh Study Progress Programme YEAR 10 JANUARY 2021











	explain parts of IP address. • Students will be able to differentiate IP address and MAC address.	 Spend time analyzing how IP address is used by investigators to find out the cyber criminals. Also support child to explore different parts of IP address and the way it has been used for investigation. Analyse differences between IP address and MAC address. Discuss the various websites launched by Dubai police for reporting crimes. 	
Physical Education	 Health and Well-being Fitness 	Use the internet to research these specified topics then: 1. Make a diet chart for a wrestler and a marathon racer.	www.bbc.co.uk www.teachpe.com https://www.youtube.com/watch?v=9X gGPULnDxY&t=321s https://www.youtube.com/watch?v=IY







	2. Explain the procedure of conducting the	Cxnq94tQw
3. The relationship	following tests:	https://www.youtube.com/watch?v=S-
between health	and a. Sit and reach test	<u>UWdErmXuk</u>
fitness	b. Multi-stage fitness test.	https://www.youtube.com/watch?v=85
	c. Ruler drop test.	<u>EtdsmFCoY</u>
4. Diet and energy	' sources	https://www.youtube.com/watch?v=fk WziiMdli8
5. Components of	fitness	https://www.youtube.com/watch?v=D- WEr2Tktps
6. Test Protocols		https://www.youtube.com/watch?v=- jmWNKUek3o
		https://www.youtube.com/watch?v=wl hCRhFOnCM
		https://www.youtube.com/watch?v=gr PGxoMGO40
		https://www.youtube.com/watch?v=I6F DHTMwmcc











			https://www.youtube.com/watch?v=x0 JU5p8WBZQ
Art	Explore and Develop- Assessment objectives 2 and 3	Explore and select appropriate resources, media, materials, techniques and processes and Develop ideas through investigation and demonstrating good understanding of the objectives.	www.studentartguide.com
French	Topics:		
	1. Les repas (révision)	Reading:	My eating habits :
	2. Les articles partitifs	Explore the topics by going through the diffèrent	https://www.france-hotel-
	3. Les adverbs de quantité	links.	guide.com/fr/blog/plats-francais-
	4. La nourriture d`ici et d`ailleurs.		<pre>typiques/ https://www.marmiton.org/recettes/al</pre>
	5. Les adjectifs irréguliers		bum1324399/cuisine-francaise-65-
	6. Les comparaisons	Writing:	recettes-traditionnelles-0.html#p1







7. Manger équilibré 8. Les superlatifs	Write a text (140-200 words) about your favorite plate/dish and favorite international kitchen. Speaking:	https://www.santemagazine.fr/aliment ation/acheter-et-cuisiner/repas- equilibre/comment-equilibrer-son- alimentation-172338
	Record the same text they wrote it (video/podcast) and post it in your Onedrive link. Some useful links:	https://fittrack.fr/blogs/blog/pourquoi- manger-equilibre-est-important
	https://www.agirenfrancais.com/fle/les- verbes-irreguliers-du-francais/	Vocabulaires :
	https://www.bonjourdefrance.com/exercices/ contenu/parler-de-bonnes-habitudes- alimentaires.html	https://www.lepointdufle.net/p/lexique _la_nourriture.htm
		https://lebaobabbleu.files.wordpress.c om/2014/04/1-lexique-de-la- nourriture.pdf











		https://oraprdnt.uqtr.uquebec.ca/pls/public/d ocs/GSC2213/F486168017_Les_partitifs_exer cices_et_corrigpdf	https://www.lexique-alimentation- sante.com/definition/equilibre- alimentaire/
		https://www.colanguage.com/fr/les-adjectifs- irr%C3%A9guliers	http://www.lefrancaispourtous.com/superlatifs.htm
		http://georgie.bonjourdumonde.com/exercice s/contenu/faire-un-comparaison.html	http://patenotte.name/Aix/Ecriture/Feu illes_aides_pedagogiques/comparaison
		http://www.le-francais- efficace.fr/HTLM/comparaisons-connues.php	<u>s.html</u>
Arabic (Arabs)	TOPIC الألف اللِينة في نهاية الأفعال الثلا ثية	استمع إلى الفيديو التالي ثم حدد الألف اللِينة في نهاية الأفعال الثلاثية	https://www.youtube.com/watch?v=rY TyFUpPw-c



Jebel ali ligh Study Progress Programme YEAR 10 JANUARY 2021



Learning objectives:

أن يميز الألف اللِّينة في نهاية الأ فعال الثلاثية

أن يستنتج أصل الألف الليّنة واو

أن يعبر عن أفكاره باستخدام أفعال ثلاثية تنتهى بالألف اللِّينة

TOPIC

الاستماع: ست صفات

Learning objectives:

أن يحدد الطلاب الفكرة العامة والأ فكار الفرعية

TOPIC

المفعول له

https://www.arageek.com/2013/09/1 يعبر عن أفكاره باستخدام أفعال ثلاثية تنتهى بالألف اللِّينة

يستنتج أصل الألف الليّنة واو أم ياء

توجيه الطلاب نحو استماع النص مسجلا أو مقروءا مع مراعاة أداب الاستماع

أجب عن الكويز

https://www.youtube.com/watch?v=ps 2iMkKBwm4











	Learning objectives: أن يميز الطالب المفعول لأجله أن يعرب الطالب المفعول لأجله أن يوظف الطالب المفعول لأجله في جمل وفقرات	. حدد المفول لأجله وحالة إعرابه وعلامته اذكر أمثلة للمفول لأجله وأعربه أعرب الجمل الآتية أعرب الجمل الآتية اكتب جملا عن مدرستك باستخدام المفعول لأجله اكتب فقرة عن الإمارات باستخدام المفعول لأجله	
Islamic Education (Arabs)	صاحب الجنتين- السنة :TOPIC النبوية –اختلاف الفقهاء-آداب اللباس اللباس اللباس Learning objectives:	يكتب قصة أصحاب الجنتين والدروس والعبر المستفادة منها يكتب بحثا عن السنة النبوية ومكانتها في التشريع يكتب بحثا عن اللباس الاسلامي وعادات وتقاليد اللباس الاسلا مي	https://www.youtube.com/watch?v=GT w99ppzVRk https://www.youtube.com/watch?v=qy Z2_p2L-eg















Islamic			
Education (Non Arabs)	TOPIC:		
	The Prophet's, peace be upon him, Methodology in Da'wah	Research and learn about what prophet mohammed's Methodology in Dawaa was and	
	Learning Objective:	design mind map on that.	
	Identify the concept of the Prophet's methodology in Da'wah.		https://www.youtube.com/watch?v=FX dvdRmGchE
	Explain the characteristics of the		







Prophet's methodology in Da'wah.		
Mention the styles of the Prophet's methodology in Da'wah.		https://www.youtube.com/results?sear ch_query=2.%09Dressing+Etiquette+in+ islam https://www.youtube.com/watch?v=zd- rKtbXZWg
	Write a script of a play on human development in Islam, and succession of man on Earth	
Topic:		
Human Development in Islam.		



Jebel ali ligh Study Progress Programme YEAR 10 JANUARY 2021









Learning objective:

- To elucidate the concept of human development in Islam (By referencing Quran & ahadeeth)
- To analyze the characteristics of human development. (by referencing Seerah of Prophet (P.B.U.H) & Quran)
- To evaluate the impact of a balanced character on society. (by giving examples from real lives and Hadeeth)















Moral	TOPIC:		
Education	The Development of Entrepreneurship Skills and Becoming an Entrepreneur Learning objectives: Make informed decisions about budgeting, saving, investing, and borrowing Develop entrepreneurial skills by producing a plan for a business. Make sound financial decisions based on how the business copes with economic pressures.	Research a successful entrepreneur and the story of their success. Discuss how people change the lives of millions of people with their investments. Create a short presentation of choice that can be used to discuss this topic with your class.	https://www.entrepreneur.com/article/207488





