



WEST HILL SCHOOL

Aiming High Since 1927

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Science Departmental Home Learning and Revision Strategy

Dear Parent/ Guardian,

As your son begins his final year at West Hill School, we, as a department aim to provide all the necessary resources for your son to succeed in his Science GCSE examinations. As part of this commitment we subscribe to kerboodle, an online resource that you may be familiar with. As part of your son's ongoing revision work, we are assigning a weekly revision task for your son to complete for each Science discipline. This work will consolidate the work covered in year 10 and also supplement the work we are still to cover.

Three short interactive quizzes will come live each Monday and close the following Sunday. We ask that you encourage and support your son to complete these as part of his revision. Guidance on how your son can login to kerboodle is included overleaf along with a list of what is set and the associated timeframes. If your son has any issues accessing kerboodle, please ask him to discuss these with his Science teachers.

Additional to these resources, I would like to remind you of the vast number of resources also available to support your son's revision work on our VLE, which can be accessed via the school website or by following this URL: <https://vle.westhillschool.co.uk/>

Your son also has a revision guide and workbook which he should be using regularly.

Independent learning is a large part of success at GCSE, working through and processing the ideas that are taught in lessons, allows your son to develop these concepts and improve his overall understanding. We would recommend your son be spending a reasonable amount of time each week revising for his exams from now.

I would like to thank you for your continued support.

Yours Sincerely

Mr P Evans

**Kerboodle Revision Strategy Timeline**

Kerboodle Homework Schedule						
User Name: Initial and surname (lowercase, no spaces)		Password: Initially same as username.		School Code: OF0		
Unit	Date	Due	Biology	Chemistry	Physics	
1	21/09/2020	27/09/2020	Cell structure and transport	Atomic structure	Conservation and dissipation of energy	
2	28/09/2020	04/10/2020	Cell division	The periodic table	Energy transfer by heating	
3	05/10/2020	11/10/2020	Organisation and the digestive system	Structure and bonding	Energy resources	
4	12/10/2020	18/10/2020	Organising animals and plants	Chemical calculations	Electric circuits	
5	19/10/2020	25/10/2020	Communicable diseases	Chemical changes	Electricity in the home	
6	26/10/2020	01/11/2020	Preventing and treating disease	Electrolysis	Molecules and matter	
7	02/11/2020	08/11/2020	Non-communicable diseases	Energy changes	Radioactivity	
8	09/11/2020	15/11/2020	Photosynthesis	Rates and equilibrium	Forces in balance	
9	16/11/2020	22/11/2020	Respiration	Crude oil and fuels	Motion	
10	23/11/2020	29/11/2020	The human nervous system	Chemical analysis	Force and motion	
11	30/11/2020	06/12/2020	Hormonal control in humans and plants	The Earth's Atmosphere	Wave properties	
12	07/12/2020	13/12/2020	Reproduction	The Earth's resources	Electromagnetic waves	
13	14/12/2020	20/12/2020	Variation and evolution	Science Maths Skills	Electromagnetism	
14	21/12/2020	27/12/2020	Genetics and evolution	Required Practical P1	Required Practicals P1	
15	28/12/2020	03/01/2021	Adaptations, interdependence, and competition	Required Practical P2	Required Practicals P2	
16	04/01/2021	10/01/2021	Organising an ecosystem	Biology Required Practicals P1	Required Practicals P1	
17	11/01/2021	17/01/2021	Biodiversity and ecosystems	Biology Required Practicals P2	Required Practicals P2	