

Amazing Scientific Facts

It takes 8 minutes, 19 seconds for light to travel from the Sun to the Earth

Stomach acid is strong enough to dissolve stainless steel

A flea can accelerate faster than the space shuttle

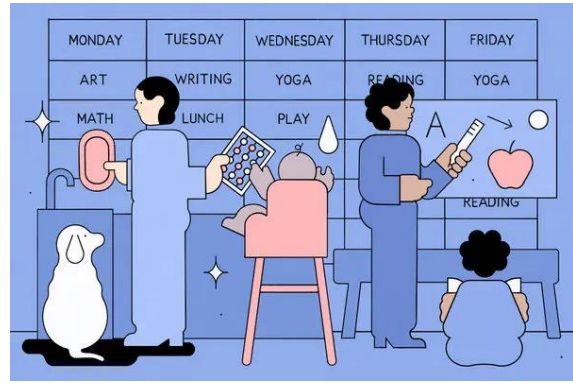
How are we learning?

As you know we are setting all work on Show My Homework – this can be accessed directly through the school website (if you are having any trouble accessing your individual account please contact the school).

Mr Blair has held some Zoom lessons online, so be sure to attend if you can, this a great opportunity to have some direct teaching.

If you are in 10X1 – we also have an Edmodo class to support you with the additional triple content – class code: g5xttj.

To assess your progress over the coming weeks we will be using SMHW to set multiple choice quizzes; 10X1 and Year 11 are completing exam papers.



What are we learning this week?

- Year 7:** Sound and Light Waves
- Year 8:** Nutrition
- Year 9:** Organic Chemistry
- Year 10:** -X1—Chemistry Topic 5 – Triple Content
All other classes— Organic Chemistry
- Year 11:** To complete the 6 past exam papers
- Year 12:** Unit 8 - Aim A Coursework—Understand the impact of disorders of the musculoskeletal system and their associated corrective treatments
- Year 13:** Unit 8 Aim B Coursework—Understand the impact of disorder on the physiology of the lymphatic system and the associated corrective treatment.

Share your rainbow pictures with us to brighten all our days

Foundation Diploma Students Unit 9 as well.

Family Science Experiments

We all know that the best bit about Science is the practical activities, so we have compiled a selection of great websites where you can explore your Scientific Minds and have fun with your family.

<https://melscience.com/GB-en/experiments/>

<https://www.pinterest.co.uk/hsscscientist/homeschool-science-experiments/>

<https://www.iflscience.com/chemistry/unfinished-20-fun-science-experiments-you-can-do-home/>

<https://thestemlaboratory.com/stem-activities-for-kids/>

<https://mommypoppins.com/kids/50-easy-science-experiments-for-kids-fun-educational-activities-using-household-stuff>

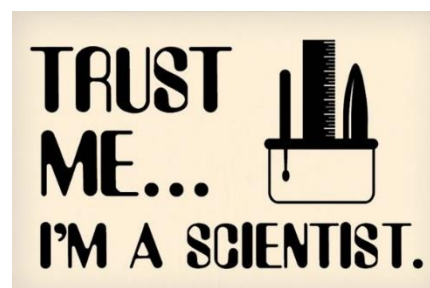
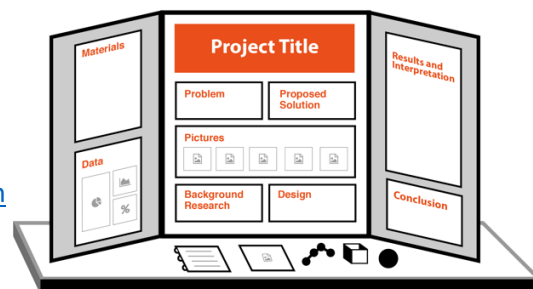
To extend this we want to challenge you (it is optional) to present an entry for a “Science Fair Competition” – we will work out how to do this virtually with Mr Blair’s help on Zoom. This website has a long list of project ideas:

<https://www.sciencebuddies.org/science-fair-projects/project-ideas/list>

This link will show you ways to present your project

<https://www.sciencefaircentral.com/students/engineering-projects/presentation>

The projects should be completed by 24th April, let Mrs Graham know if you want to enter.



Contact emails

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Tom.Green@aylesford.kent.sch.uk

Joseph.Earl@aylesford.kent.sch.uk

Star Students

Year 7 – Lillie. L, Brandon. P, Grace. C, Joshua. G, Izzy. M; Leo. CF, Anielia.E, Courtney-May. H

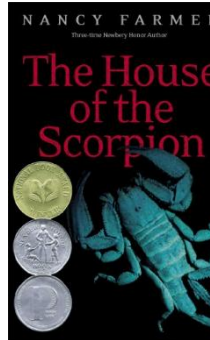
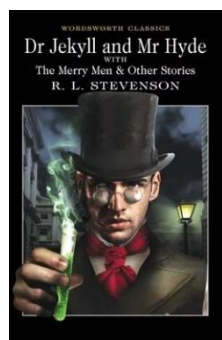
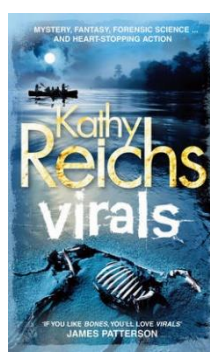
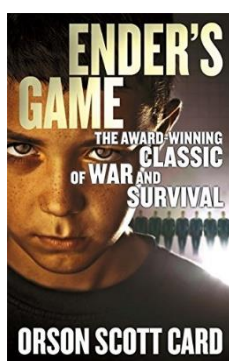
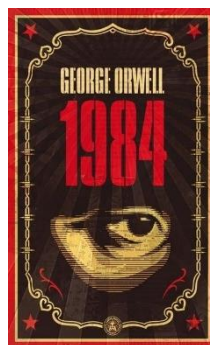
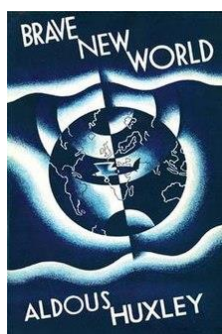
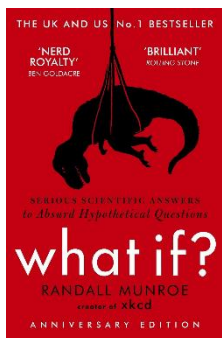
Year 8 – Hannah. S, Matthew. R

Year 9 – Harley. LO

Year 10 – Zac. M, Sam. M, Brad. R, Faith. A, Rebecca. A, Lucy.C, Milly.D, Steph. C, Keenan. S,

Year 11 – Ella.B, Fern.L, Alice.LE, Emily.S, Lucia.A, Adam.P, Sophie.R, Gemma.C, Ellie.M, Tom.W,

Exciting Reads – some of these are free to download on audible and kindle



Seneca Class Codes

Join your class, and you will be able to complete your assignments online or do some independent work

9x1: **5y08kitq5o**

9x2: **xg8f0ii4o6**

9x3: **4448xfyxei**

9y1: **jpslsx8pnx**

9y2: **w9wvmu5nc0**

10x1: **7sclwr9ryd**

10x2: **2ttylu1p0g**

10x3: **djiOrrp4ry**

10y1: **jecxxhiyq5**

10y2: **x6ym1qtwb9**

11x1: **ku9vg7kywi**

11x2: **63rvmjrz9m**

11x3: **1hxtez1tti**

11y1: **bb7ez0otdx**

11y2: **yyhmyctoei**

11y3: **3qh4ajwlhr**

The Corona Virus

Everyone is talking about it, but what do you really know? This is a chance to extend your learning of communicable disease. For those of you, who have learnt about the Black Death in History how does it compare? Create a resource - Poster/Video/Leaflet/Poem/Newspaper Article/Tweet/Blog

To include –

- Labelled drawing/diagram of the virus
- Explain how it is transmitted
- Describe how it can be treated
- Explain how transmission can be prevented
- Describe how it is replicated in the human body

Year 11

If you are thinking about a Science A level or BTEC Course at Sixth Form or College – Amazon Kindle has made available for free “Head Start in A level Biology/Chemistry etc” to download. These are a great way for you to prepare yourself for the future whilst stuck at home!

https://www.amazon.co.uk/Head-Start-level-Biology-Level-ebook/dp/B00VE2NIOI/ref=pd_sim_ebk_14_3/262-0124313-9601749?encoding=UTF8&pd_rd_i=B00VE2NIOI&pd_rd_r=f9cf43ae-6279-4102-afcd-bc8742503f75&pd_rd_w=x3xQV&pd_rd_wg=NV4Cv&pf_rd_p=538a73b0-f31b-4f02-8637-79c64aaecbd7&pd_rd_r=51BQY1JX7YVJEAM5M5VX&ps_c=1&refRID=51BQY1JX7YVJEAM5M5VX