

How we are learning?



Our Science team are here to help, by conducting Zoom lessons, email or phone calls.

All zoom lessons will follow your normal timetable.

Amazing Scientific Fact

A flea can accelerate faster than the Space Shuttle

A jumping flea reaches dizzying heights of about eight centimetres (three inches) in a millisecond. Acceleration is the change in speed of an object over time, often measured in 'g's, with one g equal to the acceleration caused by gravity on Earth (9.8 metres/32.2 feet per square second). Fleas experience 100 g, while the Space Shuttle peaked at around 5 g. The flea's secret is a stretchy rubber-like protein which allows it to store and release energy like a spring

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Star Students

Year 7 – Summer A, George A, Emilia W

Year 8 – Liam B, Paige B, Cameron M, Ben S, Milly S, Milly F, Maizey L

Year 9 – Jasmine L, Mark S, Ronnie P, Caitlyn F

Year 10 – Chloe C, Poppy G, Marley N, Morgan H, Thomas D, Albie Z, Abigail B,

Year 11 – Kacey-Leigh W, Jack S, Adam M, Alice K, Abigail S, Connor C, Chelsea M, Josh P, Oliver S, Lois S, Adam B, Tilly E, Sienna M

Sixth form – Sam A (yr 12), Stephen P (yr 12), Emma W (yr 13), Ellie G (yr 13)

What are we learning this week?

Year 7: Rocks and the rock cycle. Structure of the Earth. Forces, mass and weight

Year 8: Photosynthesis and the adaptations of plants. Thermal energy and insulation.

Year 9x: Homeostasis, hormones. Hydrocarbons and crude oil. Investigating the properties and uses of fuels

Year 9y: Adaptations of animals and plants. Competition and food chains. Decomposition, cycles and recycling

Year 10x: Homeostasis and hormones. Hydrocarbons and crude oil. Investigating the properties and uses of fuels

Year 10y: Diseases, genetic modification, developing drugs

Year 11x1: Focus on Physics papers and then completing Chemistry content.

Year 11x: Completing full set of 6 papers

Year 11y: Focusing on papers 1 and 2, and then to return to teaching core content

Year 12: Preparing one drive for coursework. Setting up virtual resources for practical skills. A few students sitting exams

Year 13: Continuing to work through core content. Extended certificate students will be completing outstanding coursework. Comparison of H&S in different lab settings

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

WHAT DO YOU CALL AN ACID WITH AN ATTITUDE?


gimme ur lunch



A-mean-oh acid.



TRUST
ME...
I'M A SCIENTIST.



Seneca Class Codes

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

9x1: hf0m6ja4cd

9x2: 6hlqywp6vo

9x3: 3hxpahagd1

9y1: 7al188fr74

9y2: 7al188fr74

10x1: 7zmchpmw09

10x2: 6g7wjcjd87

10x3: mo105hixq2

10y1: dlu4sr9wh

10y2: dlu4sr9wh

11x1: qj2pxq62jd

11x2: c6ee8jdojk

11x3: cc549fr0pn

11y1: r5jhsnn3d3

11y2: r5jhsnn3d3

Amazing Scientific Fact

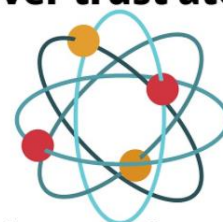
Stomach acid is strong enough to dissolve stainless steel

Your stomach digests food thanks to highly corrosive hydrochloric acid with a pH of 2 to 3. This acid also attacks your stomach lining, which protects itself by secreting an alkali bicarbonate solution. The lining still needs to be replaced continually, and it entirely renews itself every four days

I could tell you a
science joke...

...but all the good
ones Argon.

Never trust atoms



they make up
everything.

In the news

<https://www.nasa.gov/press-release/nasa-s-osiris-rex-mission-plans-for-may-asteroid-departure>

<https://www.google.com/amp/s/www.bbc.co.uk/newsround/amp/55795340>