

2016/17

A thirst for learning at KS4 into A levels



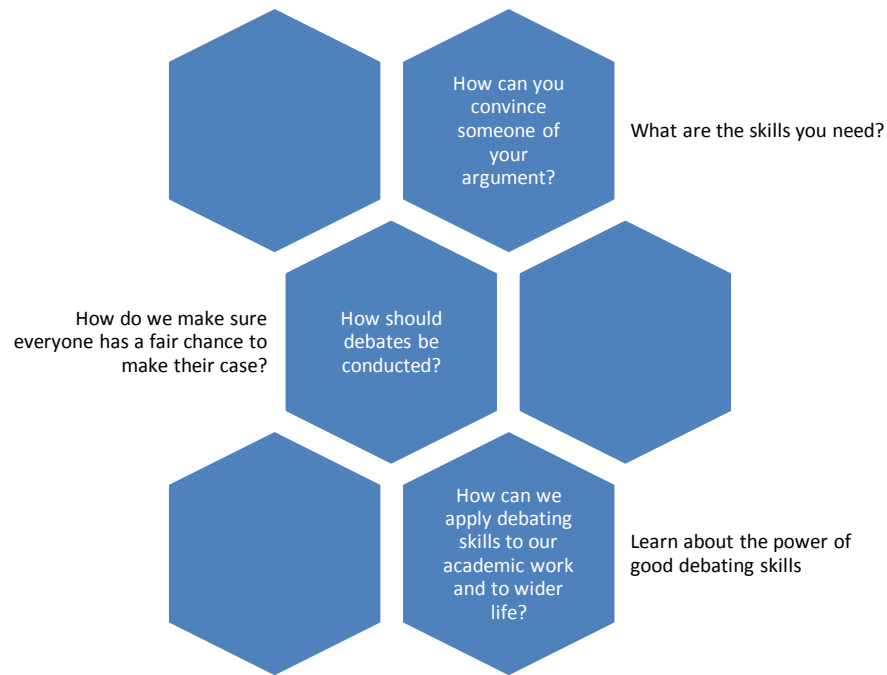
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Developed by TLR holders for KS5

Ousedale School at KS4: ASPIRE programme.

2016/17

The power of debate to change the world



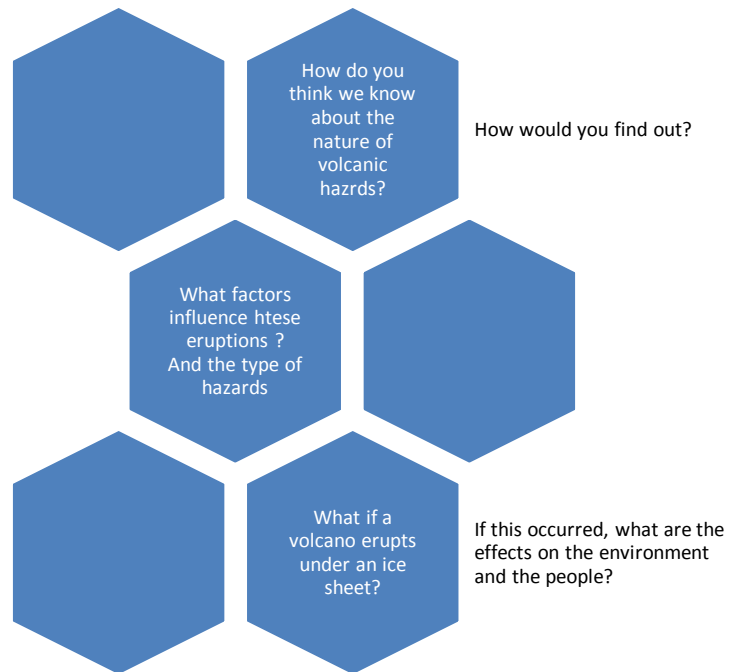
Further development: How has the use of debate shaped the world?

Reading: Have the opportunity to read A grade History essays from Sixth Form students to show the power of debate in academic work

In Geography the 'Thirst for knowledge' will be delivered through the topic of Tectonic Hazards. *'An adventure 65 million years in the making'* Will you play a part in the next chapter?

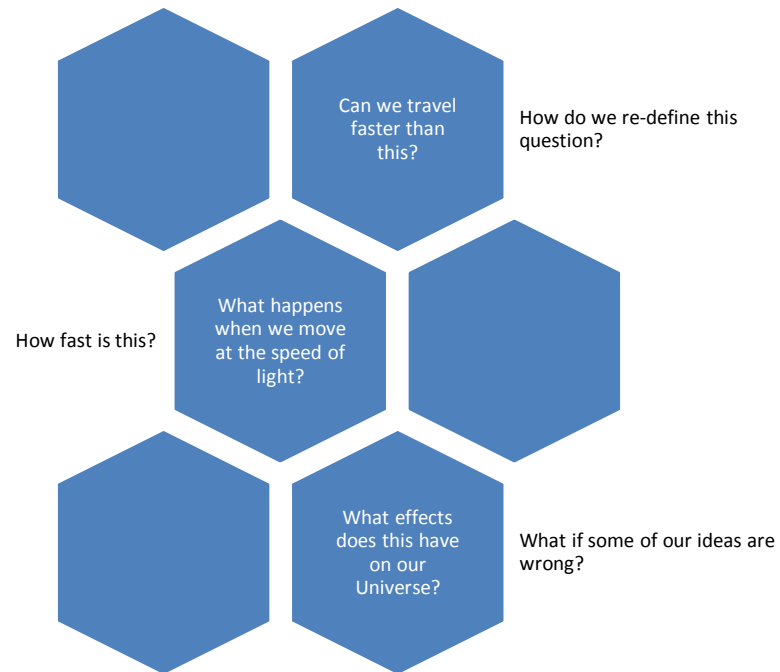
(A Practical Geography enquiry).

What turns a natural geophysical event into a hazard?



Further development: As Environmental Minister, what are you going to do about it?

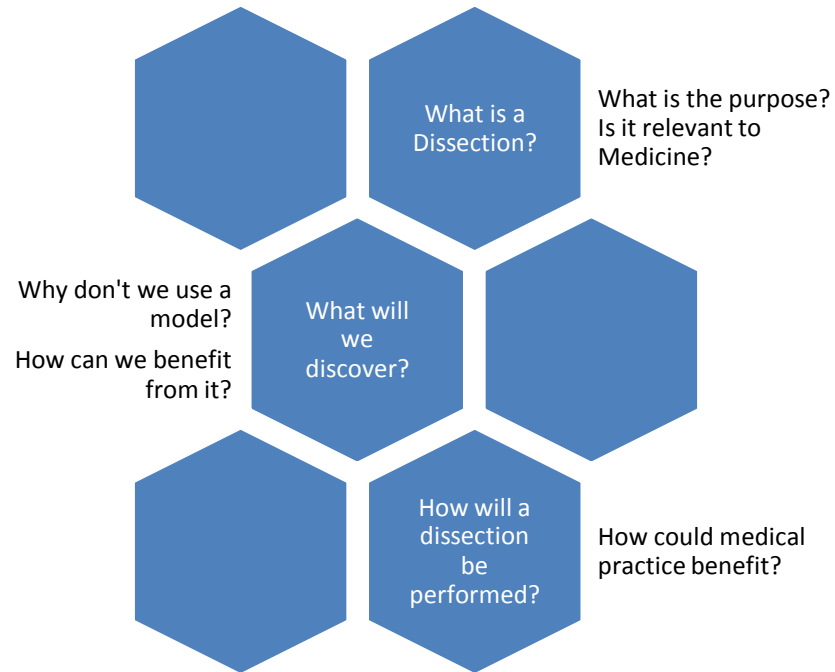
In Physics the 'Thirst for knowledge' will be delivered through the topic of light: "travelling at the speed limit of the Universe"



Intrigued? Why not watch / read....." The Elegant Universe" by Brian Cox

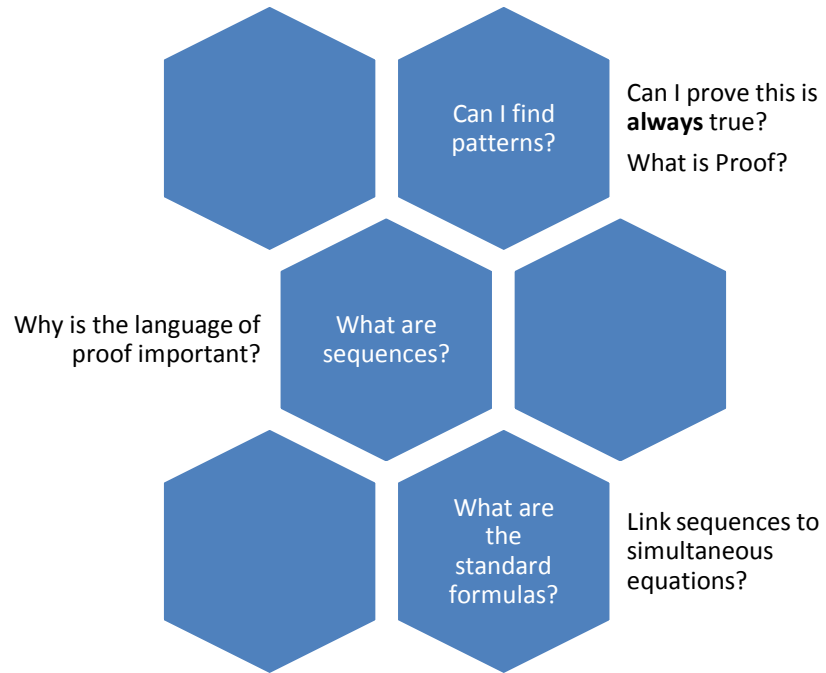
"Brief History of time" by Stephen Hawking.

In Biology the 'Thirst for knowledge' will be delivered through the topic of Rat Dissection. *'Caution: Ethical exploration required.'*



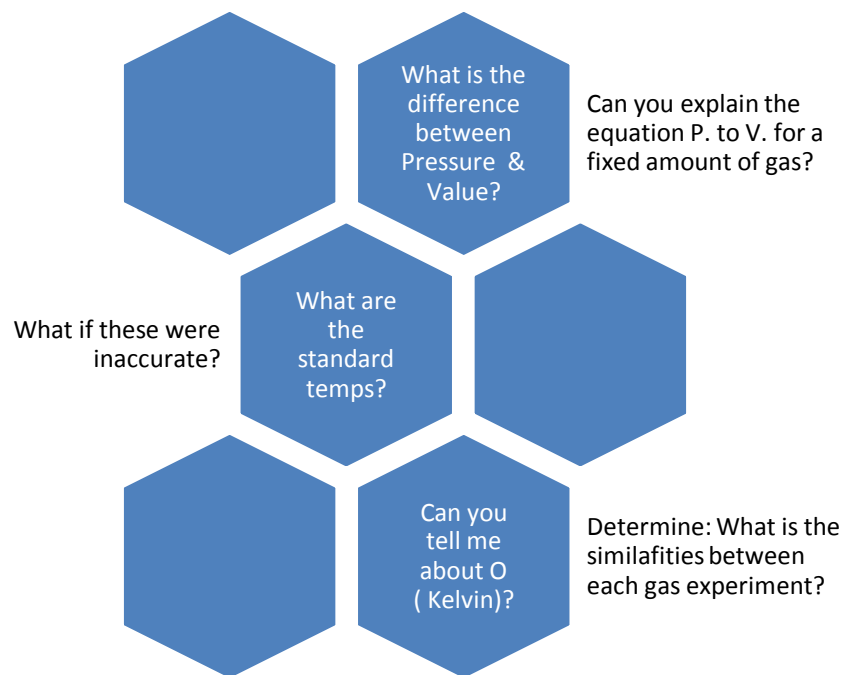
Intrigued? Why not watch / read..... "Inside Nature's Giants" and Chapter from As Text: "Lungs and the digestive system"

In Maths the 'Thirst for knowledge' will be delivered through the topic of Investigating Sequences. *'There is real beauty in Maths. Find out how, here.'*



Intrigued? Why not watch / read....."Fermats last Theorem: Fibonacci"

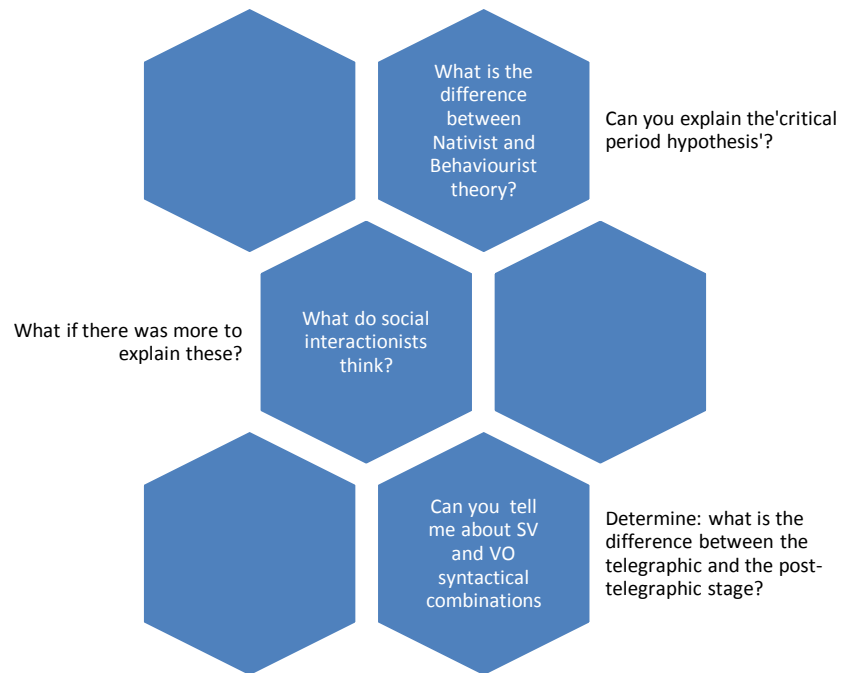
In Chemistry the 'Thirst for knowledge' will be delivered through the topic of Universal Gas Law. *'Warning: extremely volatile.'*



Intrigued? Further thought.....How would I plot if it was $PV = C$?

Research.....Universal Gas Law – Determine the particle in the box method.

In English Language the 'Thirst for knowledge' will be delivered through the topic of Child Language Acquisition. *'Language is a window on the mind – Chomsky.'*



Intrigued? Further thought.....How is semantic meaning acquired?

Research..... Aitchison's 'Labelling, packaging network building' concept for semantic acquisition.

Why not watch Genie: The Wild Child.