

Ark Acton Academy presents:

ARK ACTON ARTICLES

Issue n.1, May 24th, 2021



Here at Ark Acton We present you the Ark Acton Articles, a newspaper that gets straight to the point, is interesting, informative and, most of all, something we can care about.

A little bit about us

Written by Cieran Salisbury

Are you tired of the same old, boring, biased, unproductive, unappealing, evil politics? Are you looking for a newspaper that does not regurgitate celebrity gossip at you, but something for you to care about and be interested in?

G O S S I P

Beats Own Memorials

★ STRANGE one is that of Her James Heron, who had tried to end memorials...
THIS IS NOT GOOD

did to have a Jackson 2007...
THIS IS NOT GOOD

Well, then you're in the right place! At Ark Acton Articles we offer you reliable facts and food for thought you can use to get a complete view of whatever story you are interested in.

We offer a cause to fight for, something to believe in, something to make this generation better. Something to become better for.

We plan on covering a variety of topics, all stimulating the youth in some ways. These include current social issues, scientific articles, book reviews, tech etc.... Some of these will be fortnightly rubrics, such as reviews, which will concern diverse types of media such as movies, books, videogames and more.

Each new issue will come out every 2 weeks, containing new stories regarding recent events that have had an impact on our generation.

This can range from more light-hearted topics such as new technology, all the way to things such as the Israeli-Palestinian conflict (whose recent escalation has been worrying to the governments of many countries around the world and, most notably, to civilians who have been hurt in the series of assaults)

We will be involved in discussing local news, for instance occurrences in the borrow of Ealing or even the issues that students have put forward regarding our school; and global happenings including protests for climate change or the afore mentioned conflict between Israel and Palestine.

If there is any story you would like us to cover, you may email Miss Bishop and we shall do our best to give it its own separate section in the next edition of the newspaper.

Bottom line is, we want to debate what happens in the world and want to give you all the information you need to employ critical thinking and form your own opinion of the subject matter. And we are not afraid to take suggestions.

Why science is the coolest thing ever.

Written by Sebastian Hriscu

When I started writing this introduction and thought of all the topics we could converse about, science was probably the first one that came to me.

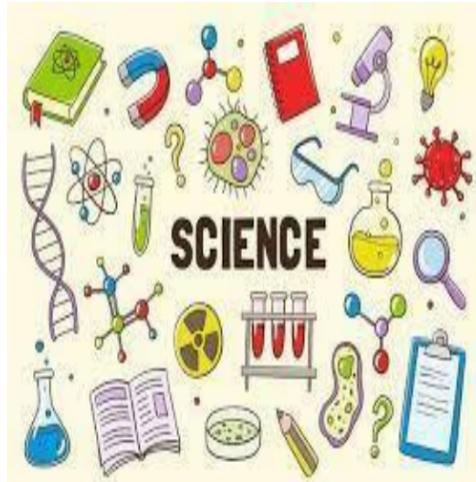
Now, I have always loved science and love learning about it and discussing it and being ecstatic about how things work.

But not many are as in love with it as I am, so the first thing I will do is prove to you all that science is the coolest thing ever.

Now, it is no secret that science is (along with math) one of the most ardently disliked subjects one studies in school. This is partly because many find it hard to memorize facts and then only use them in tests and never concern themselves with them again, which would lead to thoughts like 'what use has this outside of school?'. Now, this is a perfectly reasonable question to contemplate and I believe that its origin lies in part because of issues with our scholastic school system.

This is sometimes due to prioritization with memory over personal growth and enriched knowledge.

Some schools, nay, many schools, are currently working on this issue and are mildly successful, but this problem is so deep-rooted that the most victorious attempt to make students interested in a certain discipline lies outside of academia. And so, I will try my best at an attempt to make school science more bearable.



Now, the first inquiry we may analyze is 'why study science?' Then we can start to observe the various applications it has and how it benefits our daily lives and all the different interesting fields you can study (examples include rocket science, computer science and even the science of sleep!)

Lastly, I will make some suggestions as to further scientific reading for those of you who were already interested in science before reading this article or that have been converted (I used this world very loosely) to science lovers, which would make me very happy indeed.



Sleep is a beautiful thing, and this is an irrefutable thesis. We spend a grand part of our lives sleeping, and we always crave those 'five more minutes' before waking up and actually doing something. So, wouldn't it be cool to know how sleep works? Why do we sleep? What are the consequences of sleeplessness?

Well, then you might want to take a look at the science of sleeping! Here's a few links to get you started in the subject:

Read more on P3



Did you know that there is one property in physics which is literally called 'strangeness'? This just gives you a basic idea as to how mysterious certain fields of science still are and how scientists can find cool names for stuff.

Interested in joining the school newspaper?

Year 7 Graphics Wednesday Lunch time 12:15 – 12: 45

Year 8 Graphics Wednesday After school 3:30 - 4:30

Or email mbishop@arkacton.org



Poster by Demians Rogozins

But why would you learn science and what are its applications?

Poster by Demians Rogozins

Written by Sebastian Hriscu

There are many reasons why you would learn science. General knowledge, wanting to discover new things or perfect previous theorems (why things work the way they work), but my personal reason is that I just am curious about the ways the universe operates and I believe that many people can relate to this.

Now, if you really do not care for this, that's reasonable: you do not need to know the mechanics of various phenomena to live a good life and knowledge is definitely not a synonym for intelligence/ good decision making.

The scientific method : why it's the *best* and *only way* to *think* of stuff.

As stated beforehand, one's emotions are frequently not solid evidence to fund one's argument on. The scientific method, instead, is. But first, what is the scientific method? Well, it consists of four main things: observation, hypothesis, testing, conclusion. Let's tackle these one by one.

Observing is essentially looking at something that happens. For example, objects fall downwards.

Next, a hypothesis is making a claim regarding what you observed. If you observed that all objects fall to the ground, then you may claim that heavier objects fall more quickly.

Testing is where you create an experiment to see if your hypothesis (what you claimed) is true. For our hypothesis, the experiment may be throwing objects of different masses from a height and recording the time it takes for them to fall.

This is tricky, because we must take into account control variables: things we have to keep the same in order for our experiment to be fair.

In this case, the control variables would be that all the objects should be made of the same material and should have the same shape, so only the mass is different. We should also keep the height the same. Now, we would see that our hypothesis is incorrect. So finally, for the conclusion, we have to make adjustments to our original claim in order to match our experimental observations (testing).

Now, it is quite clear that this is the most objective way to view things: impartial, can be repeated to obtain the same results and can be constantly improved upon.

Overall, we saw that science can be applied to our daily lives to make more keen observers and critical thinkers. If you want to know more sciency stuff, here are some books I recommend:

'What do you think you are?'

by Brian Clegg

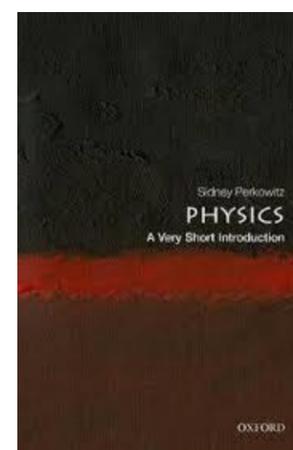
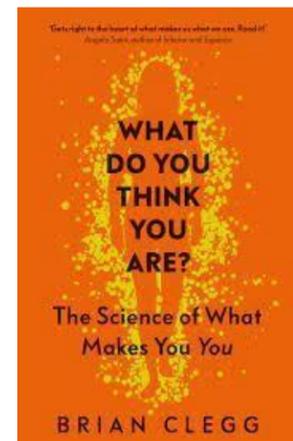
'The little book of psychology'

by Emily Ralss, Caroline Riggs

'The world according to physics'

by Jim Al-Khalili

The 'A Very Short Introduction' by Oxford is also great to get your feet wet in various scientific fields.



However, if you are learning science, how can you apply it? Well, the most obvious way is doing scientific research for publishing scientific papers. The scientific community is ever-expanding and as equipment and technology gets better, we are able to perform even more complex tasks and understand new things with the aid of computers. I find it fascinating to be able to describe the world around me objectively and be able to bother my friends with interesting facts.



But this is not even the most important reason why I am of the opinion that the common folk should know science. We live in a society where feelings and unfounded opinions often overwhelm objective, indisputable facts and it is quite plain how this negatively affects all of us. Now, this may seem like a shallow statement from someone who thinks he is 'different' or 'misunderstood', however, this is the unfortunate reality. And this is where science comes into play. Science is the only way we can truly know, we can truly make any hypothesis and we can truly claim to reach any conclusion.