

Transition reading task – A level physics

To get the best grades in A Level Physics you will have to get good at completing independent research and making your own notes on difficult topics. Below are links to 5 websites that cover some interesting Physics topics.

Using the Cornell notes system:

<http://coe.jmu.edu/learningtoolbox/cornellnotes.html> make 1 page of notes from each site covering a topic of your choice.

1. <http://home.cern/> about CERN encompasses the Large Hadron Collider (LHC) and is the largest collaborative science experiment ever undertaken. Find out about it here and make a page of suitable notes on the Large Hadron Accelerator and what it's currently being used to find out.
2. http://joshworth.com/dev/pixelspace/pixelspace_solarsystem.html The solar system is massive and its scale is hard to comprehend. Have a look at this award winning website and make a page of suitable notes.
3. <https://phet.colorado.edu/en/simulations/category/html> PhET create online Physics simulations when you can complete some simple experiments online. Open up the resistance of a wire html5 simulation. Conduct a simple experiment and make a one-page summary of the experiment and your findings.
4. <http://climate.nasa.gov/> NASA's Jet Propulsion Laboratory has lots of information on Climate Change and Engineering Solutions to combat it. Have a look and make notes on an article of your choice
5. <http://www.livescience.com/46558-laws-of-motion.html> Newton's Laws of Motion are fundamental laws for the motion of all the object we can see around us. Use this website and the suggested further reading links on the webpage to make your own 1 page of notes on the topics.

CORNELL METHOD NOTETAKING
IS SO EFFECTIVE OMG WHY WEREN'T WE TAUGHT THIS IN STUDY SKILLS
by [lavida.poliglota.tumblr.com](https://www.tumblr.com/lavida/poliglota)

← 2 inches →

2. THIS IS THE RECALL COLUMN
As soon as possible after lecture, review the notes column, take main ideas, key concepts, and important facts and write them in the recall column

1. THIS IS THE NOTES COLUMN
During lectures, note main ideas and concepts. Don't mindlessly copy - rephrase what you can to retain information
Skip one line between ideas,
several between topics
Avoid writing in complete sentences, use symbols and abbreviations, e.g.:
Pelayo, a descendant of the Visigoth aristocracy, founded the Kingdom of Asturias in 718.
Pelayo (descdt/Visigoth arist.) fd. Asturias 718

3. THIS IS THE SUMMARY SECTION
GUESS WHY IT'S CALLED THAT
Summarise main points here at the end
Info taken from
<http://www.heritagehawks.org/faculty/dbrown/HistoryClass/TheCornellMethod.htm>