**TWO QUESTIONS TO BE COMPLETED BY ALL STUDENTS**

Transition task

When you start your Level 3 qualifications you will notice a difference in the amount and quality of the written work you are expected to produce. You will need to spend time researching information from different sources, evidencing the points that you make with examples, and analysing or drawing conclusions of your findings.

Independent study time is extremely important and using it wisely is the difference between achieving high and low grades.

**Independent Learning Task**

* Please choose two questions from the list below (It would be helpful if it is in a subject area that you are considering taking in ag6)
* You are asked to answer the question/title writing no more than two sides of A4.
* Please **hand write** your answer.
* Please write your name, the subject and the question at the top of your work.
* You must make a reference list of any material (books, journals, websites) that you use - this can be on an additional piece of paper.
* You may find it helpful to plan out your essay answer before you start.
* The date in which it needs to be handed in will be on your transition day which will hopefully take place before the summer.

Before you start you will find it helpful to do the following:

1. Identify the two subject areas you are going to choose a question from.
2. Read all of the options carefully.
3. Choose the question/statement that you had a strong opinion on or interest in as soon as you read it.
4. Write the question at the top of a piece of paper and write down any ideas that you already have.
5. Now begin to research - jot down any facts that you find and the name of the website or online resource where you found that information.

Now you are ready to start:

1. Your first paragraph should be an introduction into the question. EG in the question of ‘Should vitamin D supplements be added to food?’ you might want to start with a definition of what vitamin D is and why it is important.
2. Then give reasons (with evidence from your research) the pro’s and con’s or the arguments for and against. Your response to the question/statement should be balanced.
3. Then you can conclude with your own opinion after you have considered what you have written. Here you need to state why you feel that way, you could even draw upon your own previous experiences.

**SCIENCE & MATHS**

* Will wind energy be efficient enough in 25 years’ time to cope with the demand for sustainable energy?
* Should vitamin D supplements be added to food?
* How can we improve gender equality in STEM?
* To what extent can Hydrogen be considered a preferable alternative to the current commonly used fuel sources?
* To what extent do twins, identical and non-identical, have a scientific and emotional bond.
* How could Physics be used to prevent an asteroid impact with Earth?
* Can Physics completely prove the big bang?
* How can we use statistical analysis to predict the outcome of a sporting event?
* The significance of pythagoras’s theory in the 21st century
* How oxygen is used to test for the presence of hydrogen (and why this is helpful)
* How did humans become the dominant species on the planet?

**SOCIAL SCIENCES** (Psychology, Sociology, Law, Health and Social Care)

* What is the best treatment for schizophrenia?
* To what extent should the NHS fund the treatment for 'self-inflicted' adult obesity?
* Does physical abuse on children (between the ages of 0-11) affect emotional development of the brain in adolescence?
* Which has the greatest impact on the likelihood of 13-17 year olds committing a crime in the UK: the parental influence or the school influence?
* Given that we cannot achieve a truly equal society, what is an acceptable gap in equality within a society?
* Are serial killers born or made?
* To what extent is music therapy successful when treating patients with depression?
* Should people who smoke have to pay for their healthcare on the NHS?
* Is criminal behaviour purely the result of social or biological influences?
* Why does the English Legal system find it so difficult to convict those who are guilty of sexual offences?
* How accurate are eyewitnesses to a crime?
* Does letting a child play violent games make them more aggressive?

**ART & TECHNOLOGY**

* What influenced the works and styles of Jean-Michel Basquiat and how did his work impact graffiti art?
* How has sustainable architecture changed design?
* How can we improve gender equality in STEM?
* What makes Art “Good”?
* How has Modern Technology impacted art?
* What materials should we consider for use that have the least impact on the environment?

**MUSIC & MEDIA**

* Did Bob Dylan deserve to win the Nobel Prize for literature?
* Should music tuition in schools be compulsory, and should it be free for all children?
* To what extent was grime the most politically motivated music genre between the years of 2015-2017
* To what extent does classical music benefit a child’s brain development between the ages of birth and 5?
* How has social media changed the way advertisements are broadcast?
* Discuss the impact of social media on the wellbeing of young people.

**ENGLISH**

* To what extent was Sylvia Plath's poetry written from a feminist perspective?
* Why was Shakespeare's portrayal of Henry V inaccurate?
* Could the character of Sherlock Holmes exist in the 21st Century?

##### [How do gender stereotypes in Disney differ from their original fairy tales?](http://libguides.tts.edu.sg/ld.php?content_id=26628269)

##### [Should phonics be used in the classroom as a literacy strategy?](http://libguides.tts.edu.sg/ld.php?content_id=16576569)

* Are girls better at english than boys?
* Should english literature be optional at secondary school?
* The origins of punctuation and why it was needed

**HISTORY & GEOGRAPHY**

* What are the most efficient methods to predict hurricanes and how do they work
* Can renewable energy alone sustain the energy demands of the world?

##### What was the e[ffect of the 2011 Tohoku Earthquake on Japan?](http://libguides.tts.edu.sg/ld.php?content_id=16578819)

##### [Which regime was more oppressive in their treatment of women: revolutionary Iran or Nazi Germany?](http://libguides.tts.edu.sg/ld.php?content_id=38411220)

##### [To what extent were US military tactics the main reason for the failure in Vietnam?](https://libguides.tts.edu.sg/ld.php?content_id=46156539)

##### [To what extent is history the creation of the historian?](http://libguides.tts.edu.sg/ld.php?content_id=16626515)

* How important is it that students learn the world’s history?
* Were conscientious objectors treated fairly during WW1?

**SPORT AND PE**

* Have athletes reached their full potential in terms of breaking world records?
* What is the impact for athletes that choose to take anabolic steroids to improve their performance during competitions?

##### [How important is sports psychology in winning](http://libguides.tts.edu.sg/ld.php?content_id=38449000)?

##### [To what extent has the development of science impacted athletes?](https://libguides.tts.edu.sg/ld.php?content_id=46156567)

##### [What are the key factors that contribute to the success of a premier league football team?](http://libguides.tts.edu.sg/ld.php?content_id=26697215)

* How can we eliminate the use of performance-enhancing drugs in sport?

**COMPUTING AND BUSINESS STUDIES**

* Can you improve the enigma machine?
* To what extent can computers and robots replace a human being?
* Could teachers be replaced with machine learning and AI in the future?
* How will quantum computers change the world?
* Will quantum computers break encryption?
* How seriously do programmers take the code of ethics?
* Should computer science now be compulsory in school?
* What creates a good business leader?
* What factors motivate employees and how?
* What is a fair salary for a CEO?
* To what extent has mobile technology changed advertising?