



Sample Essays

Law – ages 9-11 – What are Rights?	2
History – ages 9-11 – Vikings: Friends or Foes?	4
Philosophy – ages 9-11 – What is Fairness?	6
English – ages 11-13 – Introduction to Literary Theory	8
Philosophy – ages 11-13 – Is there an external world?	10
Philosophy of Science – ages 11-13 – Why are we here?	12
Politics – ages 11-13 – Inside No. 10	14
Chemistry – ages 9-11 – The Chemistry of the Cupcake	16
Engineering – ages 9-11 – How Many Engineers Does It Take to Make Ice Cream?	18
Maths – ages 11-13 – Cracking the Code.....	20
Biology – ages 11-13 – Disease Detectives.....	22
Engineering – ages 11-13 – Illuminating the Body	24
Geography – ages 11-13 – Anthropocene v. Deep Time.....	26

Law – ages 9-11 – What are Rights?

Pupil Feedback Report

Grade	Marks	What this means
1st	70+	Performing to an excellent standard at Y7/8
2:1	60-69	Performing to a good standard at Y7/8
2:2	50-59	Performing to an excellent standard at Y5/6
3rd	40-49	Performing to a good standard at Y5/6
Working towards a pass	0-39	Performing below a good standard at Y5/6
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness	
Any lateness	10 marks deducted
Plagiarism	
Some plagiarism	10 marks deducted
Moderate plagiarism	20 marks deducted
Extreme plagiarism	Automatic fail

Name of PhD Tutor	Timothy Tutor		
Title of Assignment	What are rights?		
Name of Pupil	Paul Philosopher		
Name of School	The Brilliant Academy		
ORIGINAL MARK / 100	62	FINAL MARK / 100	62
DEDUCTED MARKS		FINAL GRADE	2:1

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge - 65

This essay does a good job of reconstructing and explaining the subject matter covered by the module. Explanations are for the most part very clear, and the use of examples shows the ability to apply this knowledge to the world. For example, you explain rights and entitlements very clearly by saying "rights are entitlements to do something, or obligations on others not to do something.", and the way that you use the example of walking down the street does a good job of demonstrating how well you understand the topic.

There are some points of improvement for subject knowledge – you talk about how you 'have' to go to school to have a smart and healthy life. It's a good idea to have a smart and healthy life, but you aren't legally obliged to do this. To improve think about being as specific as possible in your essay so that you can demonstrate your subject knowledge even further.

One way to demonstrate even more understanding would have been to use this subject knowledge to support or criticise arguments, or to refer to reading outside of the course handbook. For example, is there a type of right or definition of rights that you think is most useful to answering the question "what are rights?". If so why is that definition most convincing? Discussing this in your essay will let you demonstrate your knowledge even further.

Critical Thinking - 58

This essay demonstrates your awareness there are competing views of what rights are, and what laws are. And in the conclusion, this essay demonstrates some critical analysis by stating that laws should be the same in all countries, when you say "My opinion is that rights should be the same in each country but other people don't think that. They are important because they protect people in your country from getting hurt in a serious crime or possibly getting killed."

You can continue to improve by a more detailed comparison of different views on this topic, particularly by sharing more detail about what you think rights are. You give a really clear answer or argument in the conclusion, but you can continue to improve by writing about your opinion and ideas throughout your essay. For example, in each paragraph on a different type of right or law, you could add a sentence or two explaining how this information helps you create your own definition of what rights are.

Written Communication - 58

This essay is written very clearly, and by breaking the essay up into different and distinct parts, the author has shown the ability to structure and distinguish sections of an essay. There are very few errors in spelling and grammar. However, remember that is important to reference when you use someone else's ideas.

Referencing is when you put notes in your paper to let the reader know which texts you are responding to. So for example, after talking about Bentham, you could have put (Bentham, p99) in brackets, if you were writing about something that he said on page 99. Then at the end, you put a list of all of your sources that you referred to in your paper.

Comments (participation, effort, resilience)

This is essay is well written and demonstrates a clear understanding of the material covered. Your contributions to tutorials were always thoughtful and moved our discussion forward. You have clearly put a lot of effort into producing this piece of work and should be very proud of the mark you have achieved and for completing The Scholars Programme.

History – ages 9-11 – Vikings: Friends or Foes?

Pupil Feedback Report

Grade	Marks	What this means
1st	70+	Performing to an excellent standard at Y7/8
2:1	60-69	Performing to a good standard at Y7/8
2:2	50-59	Performing to an excellent standard at Y5/6
3rd	40-49	Performing to a good standard at Y5/6
Working towards a pass	0-39	Performing below a good standard at Y5/6
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness	
Any lateness	10 marks deducted
Plagiarism	
Some plagiarism	10 marks deducted
Moderate plagiarism	20 marks deducted
Extreme plagiarism	Automatic fail

Name of PhD Tutor	Cuthbert Binns		
Title of Assignment	Vicious Vikings? Analyse the different representations of Vikings in the texts we studied on this course		
Name of Pupil	Harry Potter		
Name of School	Excellence Academy		
ORIGINAL MARK / 100	60	FINAL MARK / 100	60
DEDUCTED MARKS	N/A	FINAL GRADE	2:1

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge 58

You have a good grounding of knowledge in the basics of these texts, and have written about them sensibly. You use that knowledge to build and support strong arguments. There are some misunderstandings – for example, you describe Wulfstan as 'the leader of the English' but he was the Archbishop of York. While you clearly have a good knowledge of the texts, you haven't used quotations to evidence your points here. To further demonstrate your subject knowledge you can combine your own ideas and understanding with evidence from other sources.

Critical Thinking 60

You have reflected on the key ideas and information and you have recognised some of the common arguments in these texts. You are beginning to reflect on how some arguments might carry more weight than others. Your conclusion gives a clear answer to the question and demonstrates how you have been able to question the depiction of Vikings successfully. I think quoting from the text and explaining how these quotes support your ideas would have made this stronger. You can also connect these quotes to your argument about how Vikings have been represented which will allow you to demonstrate your critical thinking further.

Written Communication 62

You bring your essay together well at the end, and the paragraphs each have a clear point and present your argument. Your introduction could have set out your points more clearly. You have a very engaging writing style. There are places in this essay where this comes across more informal than academic – for example in your introduction where you write ‘All of these stories that have been heard, were they really true?’ This can be a good way to engage a reader, but when writing an academic essay you might rephrase this as something like: Many stories have been told about the Vikings, but people today disagree if Vikings should be depicted as ruthless.

Overall Comments (participation, effort, resilience)

This is a really good piece of work and it has been wonderful having you in tutorials. The exciting writing style and the sense of narrative you create here reflects on the excitement and commitment you showed in tutorials. You have a really vivid way of writing. In this essay, you have embellished some of the stories. This shows great creativity, but the skill this essay was testing was analysis of the text and using information from what we read to support your points, so it would have been good to see you ground yourself in the detail of the language. Nonetheless, this is a really strong piece of work and I hope you are very proud of it indeed.

Philosophy – ages 9-11 – What is Fairness?

Pupil Feedback Report

Grade	Marks	What this means
1st	70+	Performing to an excellent standard at Y7/8
2:1	60-69	Performing to a good standard at Y7/8
2:2	50-59	Performing to an excellent standard at Y5/6
3rd	40-49	Performing to a good standard at Y5/6
Working towards a pass	0-39	Performing below a good standard at Y5/6
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness	
Any lateness	10 marks deducted
Plagiarism	
Some plagiarism	10 marks deducted
Moderate plagiarism	20 marks deducted
Extreme plagiarism	Automatic fail

Name of PhD Tutor	Remus Lupin		
Title of Assignment	What is fairness?		
Name of Pupil	Ron Weasley		
Name of School	Hogwarts School		
ORIGINAL MARK / 100	70	FINAL MARK / 100	70
DEDUCTED MARKS	N/A	FINAL GRADE	1 st

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge 72

The essay demonstrates clear understanding of the key concepts mentioned in the essay. It also does a very good job of reconstructing the arguments of both Peter Singer and John Rawls. Whilst there are points where this subject knowledge could be more clearly demonstrated, it is clear that you have understood the complex topics covered in the course. One area of improvement is in the initial explanation of the concept of egalitarianism, which could be explained more precisely to demonstrate your understanding but the essay demonstrates this in the subsequent paragraphs when discussing equality of opportunity and distribution based on need. Well done!

Critical Thinking 69

You have demonstrated critical thinking throughout this essay. Opposing positions are discussed and evaluated and the reader is given a clear rationale for why the author is defending a conception of fairness as equality of opportunity rather than pure equality of distribution of equality based on desert. The reframing of key positions in your own words demonstrate an ability to place individual ideas within the context of wider debate, and further demonstrate your understanding and your ability to make connections across the topics studied.

The main area for improvement here would be to further develop the arguments that support your position.. You've done a good job developing your ideas, but at times you could have discussed these further to make your argument clearer to a reader. In particular, Rawls' 'Veil of Ignorance' seems to play an

important role in the overall argument but this isn't immediately clear to the reader and there would be an opportunity to tie the concept into your overall point.

Written Communication 69

The essay has a very clear flow and each idea follows from the one before. It is clear to the reader you have chosen to structure the essay this way and the key concepts in the essay are introduced clearly and concisely. Whilst there are a couple of small grammar errors, the writing as a whole is clear and written in an academic tone. You use important appropriately and with clear explanations and the referencing is consistent throughout the essay. To continue to improve, continue to proofread your work carefully - there are a few sentences which are unclear which risks the reader losing the point you are trying to make. To avoid this, add an extra explanatory sentence which ties the ideas together. For example, you mention that it would be harder to be fair without knowing the impact on our own lives. Adding a sentence or two more that explains how specifically it would be harder or impossible to do would improve your written communication.

Overall Comments (participation, effort, resilience)

This is an excellent piece of work which demonstrates a good grasp of the key subject matter studied in this course. It is great to see your own perspective on this interesting subject shine through throughout the essay and you have clearly demonstrated your open-mindedness and ability to reflect upon your own ideas and alter or develop them further where necessary. There are places in this essay where greater clarity and more detailed explanation would have been helpful to the reader but you have nonetheless shown great understanding and critical engagement with this question. Well done!

Pupil Feedback Report

Grade	Marks	What this means
1 st	70+	Performing to an excellent standard at GCSE
2:1	60-69	Performing to a good standard at GCSE
2:2	50-59	Performing to an excellent standard at Y7/8
3 rd	40-49	Performing to a good standard at Y7/8
Working towards a pass	0-39	Performing below a good standard at Y7/8
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness

Any lateness 10 marks deducted

Plagiarism

Some plagiarism 10 marks deducted

Moderate plagiarism 20 marks deducted

Extreme plagiarism Automatic fail

Name of PhD Tutor	Minerva McGonagall		
Title of Assignment	Write a literary analysis of one of the extracts, through the lens of two literary theories, evaluating its usefulness for studying literature.		
Name of Pupil	Hermione Granger		
Name of School	The Amazing School		
ORIGINAL MARK / 100	72	FINAL MARK / 100	72
DEDUCTED MARKS	N/A	FINAL GRADE	1 st

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge - 72

You have evidenced an excellent understanding of what literary theory is and how it effects interpretation of meaning when reading texts. You have also clearly undertaken some of your own wider research and used appropriate findings to support your points.

To improve further, you could have used a wider range of sources including referring to more academic research/papers to further support your arguments.

Critical Thinking - 71

You are able to interpret meaning clearly and make connections by identifying common themes explored in texts to modern day events; this is very impressive. This is further evidence of your understanding of complex subject material. You have also gone a great job exploring how each literary theory might change our reading of the poem in a high level of detail and critical thinking.

To improve further, you could start to explore the strengths and weaknesses of your arguments. You could also have referred to why literary theory is beneficial/not beneficial throughout the essay which might have helped to make your conclusion stronger as you could have summarised these points. For example, you might have explored which literary theory you found most effective for interpreting and understanding Maya Angelou's poem. This will allow you to demonstrate your critical thinking and subject knowledge even further.

Written Communication - 74

This is a very well written essay written in an academic style using appropriate language and with mostly accurate spelling and grammar throughout. Your introduction sets out the purpose of the essay and ideas are presented in paragraphs and arranged in a logical structure that is appropriate for the assignment. You have also used a consistent referencing method.

To improve further, you could have set out your main argument in the introduction and then more clearly referred back to your main point throughout the essay and how each section proved/disproved this. Explaining how the evidence and points you discuss support your main point will also allow you to develop your critical thinking further by discussing which points are most valuable to supporting your argument.

Comments (participation, effort, resilience)

This is an excellent essay that explores the key concepts and ideas well; how you linked the themes from the texts to modern day experiences was a real strength. Your contributions to tutorials were always thoughtful and you invited others into the discussion well. You have clearly put a lot of effort into producing this piece of work and should be very proud of the mark you have achieved and for completing The Scholars Programme.

Philosophy – ages 11-13 – Is there an external world?

Pupil Feedback Report

Grade	Marks	What this means
1 st	70+	Performing to an excellent standard at GCSE
2:1	60-69	Performing to a good standard at GCSE
2:2	50-59	Performing to an excellent standard at Y7/8
3 rd	40-49	Performing to a good standard at Y7/8
Working towards a pass	0-39	Performing below a good standard at Y7/8
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness

Any lateness 10 marks deducted

Plagiarism

Some plagiarism 10 marks deducted

Moderate plagiarism 20 marks deducted

Extreme plagiarism Automatic fail

Name of PhD Tutor	Anon Ymous		
Title of Assignment	Is there an external world?		
Name of Pupil	Sam Secret		
Name of School	Aspiration Academy		
ORIGINAL MARK / 100	50	FINAL MARK / 100	50
DEDUCTED MARKS	N/A	FINAL GRADE	2:2

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge 45

This essay shows some good subject knowledge – you selected an appropriate list of philosophers from the handbook, and reconstructed their views with some accuracy. However, some explanations were unclear, and other explanations were incorrect. For example, you reconstruct Descartes' argument by saying that he argues that 'everything' is external. However, Descartes doesn't argue for this position, and instead puts forward the argument that there are external things in the world, and mental things, but both are real. Later on in the paper, you reconstruct Locke's view as claiming 'everything existed and you can't prove him wrong', but this could be explained in more detail to demonstrate your understanding. The meaning of 'everything' is 'all the things that exist', so every thinker thinks 'everything exists'. With that in mind, to better show case your understanding, you can discuss some of these complexities in more detail.. When you reconstruct Berkeley's position, you describe his view as an extreme form of Descartes' argument. It's good to compare and contrast views, which also demonstrates your critical thinking, but it would have been good to explain in more detail what you meant here to demonstrate subject knowledge.

Critical Thinking 50

In the selection of philosophers to write about, the weighing up of the views, and your introduction of Rupert Read's work, you show some critical analysis. You also evaluate arguments with some success, however it would be good to have done this in more detail, and with more accuracy. For example, you criticise Descartes by saying that you agree with his view because neurological science suggests that it's not true, but it is important to be more precise in your fair criticism of Descartes. He's arguing that the way in which we come to know scientific

facts, such as neurological facts, is vulnerable to a skeptical argument. So your argument is vulnerable to the 'evil demon' arguments that Descartes is making. Later in the essay, you reconstruct Friston's view, but you don't explain how it relates to the previous thinkers you discuss. To improve your critical thinking further, when you mention you agree with his perspective, it is also important to explain why you think this. For example, what specific evidence or ideas make Friston's view the most accurate in your opinion?

In order to improve the critical thinking in this essay, it would have been good to start out with a position that you want to defend in mind, and then explain and then critically analyse views in order to make your case, showing benefits and downsides to the views you discuss. There is some of this in this paper, but there could be more.

Written Communication 55

The writing style is mostly good – there is a defined structure to the paper, and paragraphs are used appropriately. Sentences are mostly clear – however when discussing more technical or sophisticated parts of views, the writing can be unclear. At times the writing style is too informal, veering away from the academic style important for university essays. For example, you say “I honestly believe that he is completely wrong” - philosophy papers aim to say something objective like “he is wrong” rather than “I believe that he is wrong”, and if you want to say that he is “completely” wrong then it's important to describe how and why this is the case. Similarly, you describe Rupert Read's theory as “very to the point”, which is informal language that should be explained to ensure you are developing your academic voice.

Overall Comments (participation, effort, resilience)

Sam, it has been a pleasure having you in tutorials. Your contributions were always thoughtful and it was great to hear your ideas in our discussions. Your essay explored some very complex topics and it is great to see how your understanding of how we perceive the external world has developed. It was also great to see you take on board the feedback I've given throughout the tutorials. I hope you are really proud of all that you have achieved in the past few weeks!

Philosophy of Science – ages 11-13 – Why are we here?

Pupil Feedback Report

Grade	Marks	What this means
1 st	70+	Performing to an excellent standard at GCSE
2:1	60-69	Performing to a good standard at GCSE
2:2	50-59	Performing to an excellent standard at Y7/8
3 rd	40-49	Performing to a good standard at Y7/8
Working towards a pass	0-39	Performing below a good standard at Y7/8
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness

Any lateness 10 marks deducted

Plagiarism

Some plagiarism 10 marks deducted

Moderate plagiarism 20 marks deducted

Extreme plagiarism Automatic fail

Name of PhD Tutor	Christopher Robin		
Title of Assignment	Do you think it is more important to answer the question "Why are we here?" scientifically or philosophically, or are they both important? Describe viewpoints from both perspectives in your answer.		
Name of Pupil	Winnie Poohbear		
Name of School	The Hundred-Acre Wood School		
ORIGINAL MARK / 100	60	FINAL MARK / 100	60
DEDUCTED MARKS	N/A	FINAL GRADE	2:1

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge 62

You have examined a wide range of different answers to the question of 'Why are we here?' demonstrating subject knowledge from the whole course. The ideas and positions mentioned are clearly well-understood although there are some parts of your essay that could more accurately reflect your understanding. In particular, it would have been good to see a deeper understanding that there are differences of opinions within the groups you are discussing – this will allow you to convey your subject knowledge more effectively by demonstrating the nuances and differences within groups.

Critical Thinking 60

It was great to see you develop your own position towards the end of the essay and your conclusions began to identify what you saw as some of the weaknesses with the scientific approach to the question. You also did a good job of recognising that the way these different groups of people approach the question of why we are here differs which can give rise to some of the differences of opinion that are being discussed. To improve, it would have been good to see you critically engage with the ideas being discussed throughout the essay. At times, the essay became an explanation rather than analysis and as result, it sometimes lost focus on the

central question as to which approach to the question is more important. Adding an additional sentence or two in each paragraph to explain how your evidence or ideas link to your overall point or argument will help you develop your critical thinking further by allowing you to state the importance and relevance of your evidence clearly for the reader.

Written Communication 58

Your essay does well to consider different approaches to the central question and you separated these different positions clearly in the essay. You included both an introduction and a conclusion and used references consistently throughout the essay. To improve, make sure you proofread your work. There are a number of spelling and grammar errors, some of which lead to some confusion (e.g. a theist vs. atheist). Overall you express your thoughts well and make some good use of key terms but the overall written communication could be improved by tying your points together to give the essay greater flow. In future writing tasks, you can use transition sentences to help with this.

Comments (participation, effort, resilience)

This is a great piece of work which demonstrates learning from across the entire course and does well to bring in a variety of different ideas in answering the central question. It was great to see you begin to develop your own thoughts more as the essay went on! Your contributions to tutorials also demonstrated how much you have learnt over the course of the programme – well done!

Pupil Feedback Report

Grade	Marks	What this means
1 st	70+	Performing to an excellent standard at GCSE
2:1	60-69	Performing to a good standard at GCSE
2:2	50-59	Performing to an excellent standard at Y7/8
3 rd	40-49	Performing to a good standard at Y7/8
Working towards a pass	0-39	Performing below a good standard at Y7/8
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness

Any lateness	10 marks deducted
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Plagiarism

Some plagiarism	10 marks deducted
Moderate plagiarism	20 marks deducted
Extreme plagiarism	Automatic fail

Name of PhD Tutor	Penny Parliament		
Title of Assignment	What makes a great Prime Minister?		
Name of Pupil	William Westminster		
Name of School	Downing Street School		
ORIGINAL MARK / 100	68	FINAL MARK / 100	68
DEDUCTED MARKS	N/A	FINAL GRADE	2.1

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge – 70

Your understanding of the politics, policies and politicians of post-war Britain is very thorough. This is evidence by your confident use of key words and important facts about each of the policies you have explored. You are able to explain clearly what the objective of each policy was, how it was implemented, and whether it achieved those objectives.

Remember that the assignment question was “what makes a great Prime Minister?” – you have argued very successfully about whether Attlee’s policies were successful, but it would be helpful to use this as evidence about what makes a great Prime Minister. In future assignments, make sure to use your subject knowledge to support arguments that answer the question. You can use Attlee as a case study to do this, but make sure you’re connecting what Attlee has done well back to the question in a way that is clear for your reader.

Critical Thinking – 65

You have demonstrated impressive critical thinking and evaluation throughout your essay. For example, after explaining each policy, you have weighed up the evidence and made a judgement about the overall success of the policy. The arguments you make throughout your essay about the success of this government are thoroughly explained and supported by evidence. Remember to answer the specific question that you are

being asked to ensure you are able to demonstrate your critical thinking about a range of Prime Ministers to answer the question. The level at which your evaluated Attlee demonstrates that you already have the knowledge and skills to do this.

To develop this skill even further, it would be interesting to include additional sources and view points from experts about these policies. For example, you could include quotations from politicians and newspapers at the time that discussed these policies, and then evaluate whether you agree with their opinions, or assess the strengths and weaknesses of their arguments.

Written Communication – 70

You have structured your ideas very logically with a clear introduction and conclusion. You use topic sentences well to introduce each new subject in your main body (healthcare, housing, education and the economy). This helps your ideas flow clearly from one topic to the next.

You write with an academic tone, and have used key terms correctly and consistently. You write with a high level of technical accuracy throughout your assignment. This accurate spelling, punctuation and grammar ensures that your ideas are clearly communicated to your reader.

To develop your work, you need to include references for the key facts and figures you've included. For example, when you include statistics about housing, it would be helpful to include details of where you got that information from.

Comments (participation, effort, resilience)

What a well-considered and detailed piece of work! Your assignment demonstrates a really thorough understanding of the key issues facing the Prime Minister in the post-war years, and how the decisions Attlee's government made continue to impact our lives today.

You write in a factual, informative tone that makes it really clear for your readers to understand. Essay structure is a clear strength of your writing – your introduction, main paragraphs and conclusions are well-written and ordered in a really logical way that supports the ideas you are sharing with your readers.

As you continue to develop your essay writing as you head into your GCSEs, remember to keep your analysis closely focused on the question. There are lots of resources available on the Brilliant Club Youtube channel to help with referencing.

Well done on creating such an informative assignment – lots to be very proud of!

Chemistry – ages 9-11 – The Chemistry of the Cupcake

Pupil Feedback Report

Grade	Marks	What this means
1st	70+	Performing to an excellent standard at Y7/8
2:1	60-69	Performing to a good standard at Y7/8
2:2	50-59	Performing to an excellent standard at Y5/6
3rd	40-49	Performing to a good standard at Y5/6
Working towards a pass	0-39	Performing below a good standard at Y5/6
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness	
Any lateness	10 marks deducted
Plagiarism	
Some plagiarism	10 marks deducted
Moderate plagiarism	20 marks deducted
Extreme plagiarism	Automatic fail

Name of PhD Tutor	Bashir Baker		
Title of Assignment	What is the difference between a cupcake and a cookie?		
Name of Pupil	Ichabod Icing		
Name of School	The Bakers Dozen Institute		
ORIGINAL MARK / 100	67	FINAL MARK / 100	67
DEDUCTED MARKS	N/A	FINAL GRADE	2:1

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge - 69

Your essay does a great job of demonstrating your knowledge of the chemistry that is important for all the ingredients one can use to make cupcakes and cookies. The descriptions of the impact of bicarbonate soda and proteins in the baking process is clear. It is also great to see you discuss the difference between cookies and cupcakes in your paragraph about bicarbonate soda and in your conclusion. To improve, you should try to do this in every paragraph. This way, your reader can not only understand the various ingredients, but how they impact the finished product. In other words, does gluten impact cupcakes and cookies differently? If so, how so? If not, what about cookies and cupcakes allows gluten to play the same role.

Critical Thinking - 62

You have demonstrated critical thinking throughout the essay, but to improve make sure you do this consistently throughout. You do this in your last paragraph which is great to see, but to continue to develop a great essay into an excellent essay, make sure you have a clear argument, or answer to the question outlined in your first paragraph. This will allow you to connect all your points and support your reader in understanding what you are arguing the main difference between cookies and cupcakes are. For example, you mention acids in a cake, but could add another sentence or two to explain what role this might play in cookies. Similarly, you make the great point that sugar helps cookies have their crunch, but to answer the question and demonstrate your understanding

of both cake and cookies, you can add just one more sentence explaining what about cupcakes means sugar needs to be used in a different way. Making sure you connect your points to both aspects of the question will help you demonstrate your independent critical thinking as you make these connections for your reader.

Written Communication - 70

Your essay is very well written and you have an excellent academic tone throughout your essay. You use subject specific vocabulary throughout your essay and clearly explain complex concepts. The essay has a clear structure including an introduction and conclusion and uses paragraphs effectively to cover specific ideas. To improve your academic writing in the future, you might include transition sentences at the end of your paragraphs to help the reader move from one idea to another. For example, what sentence can you add to help the reader prepare to move from your discussion about chemistry to your discussion about states of matter? This will further improve the flow of your essay, which is already very strong.

Comments (participation, effort, resilience)

Congratulations on making it to the end and submitting the final assignment! You have demonstrated resilience and tenacity over the course of this project, both of which are important skills for a university student, and in life. You finished the programme by submitting a strong essay that you should be very proud of. Your contribution in tutorials was excellent, I was really pleased with the way you regularly answered questions despite not always being sure of an answer, and asked questions when you didn't understand something. It's been a pleasure working with you over the last few months and keep working hard in your lessons!

Engineering – ages 9-11 – How Many Engineers Does It Take to Make Ice Cream?

Pupil Feedback Report

Grade	Marks	What this means
1st	70+	Performing to an excellent standard at Y7/8
2:1	60-69	Performing to a good standard at Y7/8
2:2	50-59	Performing to an excellent standard at Y5/6
3rd	40-49	Performing to a good standard at Y5/6
Working towards a pass	0-39	Performing below a good standard at Y5/6
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness	
Any lateness	10 marks deducted
Plagiarism	
Some plagiarism	10 marks deducted
Moderate plagiarism	20 marks deducted
Extreme plagiarism	Automatic fail

Name of PhD Tutor	Hectate Hardbroom		
Title of Assignment	How many engineers does it take to make an ice cream?		
Name of Pupil	Mildred Hubble		
Name of School	Miss Cackle's Academy for Witches		
ORIGINAL MARK / 100	75	FINAL MARK / 100	75
DEDUCTED MARKS	0	FINAL GRADE	1 st

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge - 76

Your essay shows a deep knowledge and understanding of key ideas and scientific methods, working with relevant sources. Your knowledge is used to build and support very strong scientific arguments and explanations. It is great to see you use scientific evidence to explain why you have decided to design a low-fat ice cream. You have also correctly and clearly explained the wide range of engineers that will support the development of your ice cream, including those involved in the infrastructure needed for the creation of ice cream rather than just those directly involved in the process. You have done some great independent research here and applied it all carefully and purposefully to your work. Very well done!

Critical Thinking - 75

You have brought together various arguments, using scientific evidence, and made it clear which ones are most important and have informed your decisions. You have, throughout, carefully evaluated the evidence and offered your own well-considered thoughts. You have also clearly considered and articulated why and how certain engineers are important to your ice cream, demonstrating critical thinking by relating their skills and knowledge to your ice cream process.

To improve further, consider how you can showcase your critical thinking further in your "Improve" section. You do a nice job pointing out that sourcing low fat ingredients will be challenging, but to expand this section further you should also try to critique the process you have put in place to create your ice cream. For example, are there any improvements you could make to your recipe or your industrial process to improve your ice cream?

Written Communication - 75

Your writing style is clear, persuasive and engaging and you have used key terms accurately and effectively to support your arguments and explanations. Your assignment is clearly laid out, well structured and contains a very clear and useful diagram. Organising your essay using the engineering design process both allows a reader to follow your essay clearly and to demonstrate your understanding of this process. It is also great to see you reference your resources at the end of your essay. Remember that it is also important to include a reference in the essay to let a reader know that a specific piece of information comes from a specific source. For example, you note, Did you know that 64% of adults have a BMI of 25 or over? To reference in the text, you should let a reader know where this information came from which could look like this: According to a study by Public Health England, 64% of adults have a BMI of 25 or over OR Did you know that 64% of adults have a BMI of 25 or over? (Public Health England, 2020)

Overall Comments (participation, effort, resilience)

Well done! This is a thoughtful, creative and detailed piece of work. You have answered the question thoroughly, precisely and with excellent evidence to back up your decisions. I can see throughout how every piece of scientific research is used purposefully and this makes your assignment very persuasive.

As well as a very clear scientific analysis and excellent knowledge of different kinds of engineers and their role in ice-cream manufacture, you have also shown your creativity and excitement in approaching this task.

This is a truly impressive piece of work, and I hope you are very proud of what you have done!

Pupil Feedback Report

Grade	Marks	What this means
1 st	70+	Performing to an excellent standard at GCSE
2:1	60-69	Performing to a good standard at GCSE
2:2	50-59	Performing to an excellent standard at Year 7/8
3 rd	40-49	Performing to a good standard at Year 7/8
Working towards a pass	0-39	Performing below a good standard at Year 7/8
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness	
Any lateness	10 marks deducted
Plagiarism	
Some plagiarism	10 marks deducted
Moderate plagiarism	20 marks deducted
Extreme plagiarism	Automatic fail

Name of PhD Tutor	Muhammad Mathematics		
Title of Assignment	What makes a successful code: to what extent do you agree that operational error is more important than design to cipher security?		
	Problem set included		
Name of Pupil	Amy Arithmetic		
Name of School	Formula Academy		
ORIGINAL ESSAY MARK %	71	FINAL MARK	% 78
PROBLEM SET MARK %	84	FINAL GRADE	1 st
DEDUCTED MARKS	N/A		

Please note, the final mark is made up of 50% for the Essay Marks, 50% for the Problem Set, followed by any final deductions

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

ESSAY FEEDBACK	Essay mark: 71%
Subject Knowledge - 76	
<p>Your essay shows an excellent understanding of key ideas and concepts, including the different types of ciphers. Your reference list demonstrates that you are working with a wide range of different sources, which are all appropriate to the topic. You explain key terms well and choose appropriate quotes and information from elsewhere to support the strong arguments you build.</p>	
Critical Thinking - 71	
<p>Throughout your essay, you use appropriate evidence to back up your arguments. In your discussion of the various different ciphers, you are able to interpret the data you have researched, using this to evaluate to what extent operational error is more important than design to cipher security. In the</p>	

main body of your essay, you provide evidence which enables you to come to a clear and well-reasoned conclusion.

In your conclusion, you begin to show that you can decide on the strengths and weaknesses of the arguments for and against the statement that operational error is more important than design. Next time, to develop your critical thinking in this area further, you could refer more frequently back to the original statement in earlier paragraphs when outlining the for and against arguments. This will make it clearer to you reader when you find an argument particularly convincing or not.

Written Communication - 67

Your essay has a clear structure, beginning with an introduction and the explanation of key terms, before you move on to creating strong arguments upon which to base your conclusion and provide a response to the assignment question. Your writing style is appropriate throughout and you explain key terms and ideas correctly. You have clearly proofread your essay really thoroughly as there are no spelling or grammar mistakes – well done! It is also good to see you use referencing appropriately, where you need to acknowledge information that you have taken from elsewhere.

PROBLEM SET FEEDBACK

Problem Set Mark: 84%

You have been able to demonstrate your knowledge of lots of different methods for cracking codes, and you have a good understanding of how to calculate answers in this challenging field. You have proven that you can find probabilities and that you can write permutations in cycle notation, which is something we expect A Level students to be able to do – well done! To improve your mathematics work further, it would be great to not only explain your answer but to show how you got there mathematically. When a question is worth 15 marks, you need to ensure you show around 14 steps in order to get there. Getting the answer correct is just part of the work, and showing that you understand the complex steps that get to the answer is just as important. For example, in Question 2, it would be great to see how you found that L was the most common letter, and any other frequency analysis you did. This means that if you did get the answer wrong, the marker would be able to award more marks based on the work you did to get there.

Overall Comments (participation, effort, resilience)

Congratulations Amy – this is not only a strong final assignment, but it is clear that you understood the complex and challenging ideas in the course. A 1st at university is an excellent grade, only given to students performing highly on their assessments On the Scholars Programme, a 1st means you are performing at an excellent standard at GCSE, which is fantastic! You also demonstrated clear resilience by completing your final assignment even when your normal school life was disrupted by COVID. You should be really proud of all that you have achieved on The Scholars Programme. Congratulations!

Pupil Feedback Report

Grade	Marks	What this means
1 st	70+	Performing to an excellent standard at GCSE
2:1	60-69	Performing to a good standard at GCSE
2:2	50-59	Performing to an excellent standard at Y7/8
3 rd	40-49	Performing to a good standard at Y7/8
Working towards a pass	0-39	Performing below a good standard at Y7/8
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness

Any lateness 10 marks deducted

Plagiarism

Some plagiarism 10 marks deducted

Moderate plagiarism 20 marks deducted

Extreme plagiarism Automatic fail

Name of PhD Tutor	Bethany Biologist		
Title of Assignment	Preventing the Spread of a Malaria Outbreak		
Name of Pupil	Paulina Pupil		
Name of School	Aspiration Academy		
ORIGINAL MARK / 100	71	FINAL MARK / 100	71
DEDUCTED MARKS	N/A	FINAL GRADE	1 st

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge - 74

Your essay demonstrates how well you have understood the complex ideas discussed in the course. You have knowledgeably talked about the symptoms of malaria, why it is important to stop a malaria outbreak and the strategies you suggest to apply. I am particularly impressed with your suggestion for a multidomain (holistic approach!) strategy. It is designed and presented in a sophisticated way.

You have also demonstrated your ability to find relevant information independently and restate this in your own words. Being able to do this demonstrates how well you understood the question and the topic, and this is exactly what we look for in undergraduate level, so well done!

Critical Thinking - 67

There is evidence of critical evaluation throughout the essay. You moved beyond a mere description of the topic and you provided a very good critical analysis of the material used and supported the arguments raised through interesting examples. You developed and justified your arguments very well by explaining how your evidence supports your points. You have critically discussed a number of strategies and you gave specific examples – this was particularly strong in your discussion of mobile clinics. In all your proposed interventions you have explained the intervention you would propose and suggested why this might be effective in slowing the outbreak.

Written Communication

Your arguments have been presented in clear separate paragraphs. In places, your ideas could have been better structured, so that the reader can follow your reasoning. The language used throughout the essay was appropriate and relevant to the topic. Key terminology from the course material was also used, which added more value to the quality of essay as a whole. You have a very engaging writing style which allows you to communicate your ideas with clarity. You include a reference list at the end of your essay, which is important in academic writing, but make sure you are formatting this correctly. To improve further, it will also be important to reference within your essay itself so someone else knows where you got some of your information from.

Overall Comments (participation, effort, resilience)

Congratulations!! Achieving a 1st is an excellent outcome, and I hope you are really proud of how hard you have worked both in this assignment and throughout the course!!! You showed a strong commitment and motivation to succeed throughout the course and this is well reflected in your essay. Your essay shows a high standard of writing, knowledge and critical thinking. Well done!

Engineering – ages 11-13 – Illuminating the Body

Pupil Feedback Report

Grade	Marks	What this means
1 st	70+	Performing to an excellent standard at GCSE
2:1	60-69	Performing to a good standard at GCSE
2:2	50-59	Performing to an excellent standard at Y7/8
3 rd	40-49	Performing to a good standard at Y7/8
Working towards a pass	0-39	Performing below a good standard at Y7/8
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness

Any lateness 10 marks deducted

Plagiarism

Some plagiarism 10 marks deducted

Moderate plagiarism 20 marks deducted

Extreme plagiarism Automatic fail

Name of PhD Tutor	Emily Engineer		
Title of Assignment	To design a machine to measure muscle oxygen levels for athletes		
Name of Pupil	Zahra Pupil		
Name of School	Excellence Enterprise Academy		
ORIGINAL MARK / 100	72	FINAL MARK / 100	72
DEDUCTED MARKS	N/A	FINAL GRADE	1 st

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge - 74

It is clear from your essay that you understand how a NIRS device can be used to measure oxygenation levels. On many occasions in your essay, you explained and expanded on your thoughts, especially concerning the concept of the device, how it would be adapted to your athlete and why you chose the specific elements you did.

You also used additional research, independently selecting the most relevant information, particularly around the science of NIRS and the elements of the NIRS machine. By doing this you showed me a great understanding of topic and allowed you suggest how to use materials and design ideas we didn't mention in tutorials. Well done!

Critical Thinking – 70

Throughout the essay you always tell me your point of view – whether that be what type of light you want to use or the material that you think is best suited. What is great to see is that you then expand and explain why you think that, telling me the reasons why one thing is better than the other. I especially liked it when you told me why your choice of light source was better than the others we mentioned, and then went on to tell me why those others were not most suitable.

Throughout the essay, when you make a point, you then use evidence from the tutorials and your own research to support why you have made your point – justifying each decision you have made. This is an important skill for university students.

Next time, you could include references for the information you include. Additionally, you could comment on the reliability of the evidence you present as this is a great way to show critical evaluation. In other words, what about the evidence you've found makes it both important and trustworthy for your arguments?

Written Communication - 72

You present the essay well, with a detailed introduction explaining the purpose of your essay. Throughout you use subheadings that represent each stage of the engineering design process – this makes your essay easy to follow. To improve remember to include a short conclusion, that summarises all your points at the end.

Your writing style is very strong and your essay had a great flow and an excellent vocabulary was used throughout. To improve, make sure to include any references (websites, books etc) where you got any extra information from as when writing essays at GCSE, A-Level and even university level it's important that we reference where we got our information from.

Overall Comments (participation, effort, resilience)

Throughout every tutorial I was very impressed by your engagement and effort – you were always keen to answer questions and learn more. Your attitude has been amazing, even when we were talking about quite complex topics you remained engaged and resilient and were clearly interested to learn about NIRS. It's been a pleasure teaching you Zahra. Keep up all the good work!

Pupil Feedback Report

Grade	Marks	What this means
1 st	70+	Performing to an excellent standard at GCSE
2:1	60-69	Performing to a good standard at GCSE
2:2	50-59	Performing to an excellent standard at Y7/8
3 rd	40-49	Performing to a good standard at Y7/8
Working towards a pass	0-39	Performing below a good standard at Y7/8
Did not submit	DNS	No assignment received by The Brilliant Club

Lateness

Any lateness 10 marks deducted

Plagiarism

Some plagiarism 10 marks deducted

Moderate plagiarism 20 marks deducted

Extreme plagiarism Automatic fail

Name of PhD Tutor	Aysha Tutor		
Title of Assignment	The climate has always been changing, so humans cannot possibly be responsible for the current climate change. Discuss.		
Name of Pupil	Barry Brilliant		
Name of School	Scholar Academy		
ORIGINAL MARK / 100	75	FINAL MARK / 100	75
DEDUCTED MARKS	N/A	FINAL GRADE	1 st

If marks have been deducted (e.g. late submission, plagiarism) the PhD tutor should give an explanation in this section:

Subject Knowledge 78

Your essay demonstrates that you have an excellent knowledge of the material covered in the course. You consistently define key terms throughout your essay, using them appropriately to convey your arguments. The breadth of sources you draw upon in your essay is outstanding, evidencing an ability to research and present key findings successfully. Not only do you demonstrate an understanding of the key terms, you use scientific concepts in a sophisticated way to develop strong arguments and to come to a balanced conclusion.

Critical Thinking 73

You consistently use appropriate evidence to build strong arguments, as well as interpret key scientific data successfully to come to sound and well-reasoned conclusions. Your essay demonstrates that you are able to back your arguments up with scientific evidence. In your conclusion, you begin to show an understanding of the merits of the viewpoints that you put forward in your essay. For example, you clearly explain why you that climate change is not just a natural phenomenon, and that there is persuasive evidence to prove that humans have also played a role in making climate change worse.

Next time, perhaps you could go into more detail about the limitations you see in the argument that climate change is mainly a natural phenomenon. You begin to touch upon this in your conclusion, but this could perhaps be developed further. For example, you could use the evidence you present on the human factors behind climate change to clearly state the limitations of the argument that climate change is only

natural. This would demonstrate an even higher level of critical thinking and an ability to evaluate which arguments are more convincing based on the data available.

Written Communication 75

Your writing style is appropriate throughout and you use key terms accurately and effectively, demonstrating a high level of understanding. Your essay has a very successful structure, with a clear introduction, a main body which consists of high-level arguments, and a balanced and well-justified conclusion.

You reference accurately and correctly throughout your essay; a skill that will stand you in good stead for future study! Do remember that all quotes you use must be referenced – there is a reference missing for the quote you use in your introductory paragraph, but otherwise information taken from elsewhere is appropriately acknowledged which is fantastic.

Overall, your spelling and grammar is excellent. Do take care to proofread in detail, as there are a few small errors (e.g. using 'affect' instead of 'effect'), but these do not impact your communication on the whole.

Comments (participation, effort, resilience)

This is a well-researched and well-argued essay that demonstrates a clear understanding of the material covered, as well as an ability to evaluate complex information and come to a balanced conclusion. You have clearly put a lot of effort into producing this piece of work and should be very proud of the mark you have achieved!