

## PETERHOUSE KELVIN SCIENCE PRIZE – HOW TO ENTER

Write an essay of between 2,000 and 4,000 words on one of the following topics. Include a Bibliography and, if necessary, a Webography. Essays may be hand-written (if clearly legible) or word-processed. Please use A4 paper and only write on one side of each page you use. Please remember to keep a copy of your essay as submitted essays cannot be returned. It is unfortunately not possible to provide feedback on the essays submitted.

All entrants must submit a completed application form and cover sheet with their essay. Essays should be sent in an A4 envelope *ensuring the right postage has been used* to:

### ESSAY PRIZE

Peterhouse Admissions Office  
Trumpington Street  
Cambridge  
CB2 1RD

The deadline is **20<sup>th</sup> March 2015**. Faxes and email attachments will not be accepted. If you would like confirmation of receipt, please enclose a stamped self-addressed postcard. Further information about how to enter can be found below. Good luck!

### Kelvin Science Prize Questions 2015

1. How has Astronomy benefited Society?
2. Suppose you could create a new chemical element. What physical and chemical properties would you ascribe to it, and what uses could this element be put to?  
*Responses to this question should have a good essay structure, concise narrative, creative/novel ideas and be underpinned by sound scientific principles.*
3. If you could take one item, which must fit in your pocket, back to the year 1800 with the goal of advancing science or medicine, what would it be and what would you do with it?
4. Is it more important to save tropical forests or the world's oceans? Why?
5. "How far is it to the moon?"  
This question may be unrelated to the moon. Read what it is really about here:  
<http://www.hep.phy.cam.ac.uk/~lester/essayQuestion.html>
6. "Free health care at the point of delivery trivialises the service." Discuss

Competitors are advised that the main focus of the essay should **not** be material previously or currently being studied by the entrant as part of their sixth form studies. The entrant may refer to topics that will be studied in future so long as, at the time of the closing date, the entrant has received no formal tuition on the topic in question. All entries must be accompanied by a signed statement from their Head of Sixth Form or Head of Science confirming that the essay is the entrant's own work and that the main focus of the essay is not something which s/he has hitherto studied in the sixth form classroom. Please remember a maximum of **two entries per school or college per competition** is requested.

## **Application form for the Peterhouse Essay Prizes 2015 (Vellacott, Kelvin and Thomas Champion)**

Please complete this form clearly in BLOCK CAPITALS and return to us by **20<sup>th</sup> March 2015**.  
Please paperclip the form to your essay, ensuring that you also include your **name** and the **essay question number** at the top of the front page of your essay.

- 1. I am entering the:**  
**VELLACOTT HISTORY / KELVIN SCIENCE / THOMAS CAMPION ENGLISH essay competition**  
*(please delete as applicable)*
- 2. Which essay number and title have you chosen (please remember to mark this on your essay)?**
  
- 3. Name:**
- 4. Sex: M/F**
- 5. Date of Birth:**
- 6. Home Address:**
  
- 7. Home Tel:**
- 8. Mobile:**
- 9. Email (ESSENTIAL, so please print clearly):**
- 10. A) School Name:**  
**B) School Address:**
  
- 11. School Year (e.g. Year 12):**
- 12. A) Name of Head of Sixth Form/Department named on Essay Cover Sheet:**  
**B) His/her email address:**
- 13. If you go to University, what subject are you likely to apply for?**

*Thanks for your entry!*

**COVER SHEET**

**SECTION TO BE COMPLETED BY ENTRANT**

Name of Entrant [PLEASE PRINT]:

Email Address of Entrant:

Name and Address of School or College:

Essay Question Chosen:

I certify that the attached essay is my own work, that all quotations and citations (including those from the worldwide web) are fully acknowledged, and that the essay is within the word limit.

Signature:

Date:

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**SECTION TO BE COMPLETED BY HEAD OF SIXTH FORM OR HEAD OF DEPARTMENT**

Name of Teacher [PLEASE PRINT]:

Email Address of Teacher:

I certify that the attached essay is the entrant's own work and that the main focus of the essay is not material which has hitherto been studied by the entrant in the sixth form classroom.

Signature:

Date:

Once completed, this form, application form and essay should be sent in an A4 envelope to the following address by **20<sup>th</sup> March 2015**:

ESSAY PRIZE  
Peterhouse Admissions Office  
Trumpington Street  
Cambridge  
CB2 1RD