

A Level Biology Summer Task 2016

We look forward to you joining us to study Biology at Stoke Newington Sixth Form in September!

In preparation, it is important that you carry out the following task over the summer holidays and either email it to me or print it out and hand it to your biology teacher in the first lesson back.

Your task is to:

1. Log into the New Scientist Website:
www.newscientist.com
Username: **gideon.lyons@sns.hackney.sch.uk**
Password: **darwin88**
(save these details for future use. You can also download the [New Scientist app](#))
2. Browse the articles relating to biology. The topics to look in are Health, Humans and Life. These are found in the top menu.

The screenshot shows the New Scientist website interface. At the top left is the 'New Scientist' logo. To the right, there are links for 'SUBSCRIBE AND SAVE 46%', 'MANAGE MY ACCOUNT', 'STUDENT', 'SCHOOLS AND UNIVERSITIES', and 'GIVE A GIFT'. Below the logo is a navigation menu with categories: HOME, NEWS, TECHNOLOGY, SPACE, PHYSICS, HEALTH, EARTH, HUMANS, LIFE, TOPICS, EVENTS, JOBS. A 'SUBSCRIBE' button, a search icon, and a 'LOG IN' link are also visible. Below the navigation menu, there are social media icons (Facebook, Twitter, YouTube, Instagram, Email) and a notification count of '33'. The main article title is 'Three-parent-babies might have health problems in later life', dated 'SHORT SHARP SCIENCE 7 July 2016'. Below the title is a blue-tinted image of a human embryo. To the right of the image is an advertisement for the NHS Organ Donor Register, featuring the text 'Join us Sign up to the NHS Organ Donor Register today'.

3. Find an article that interests you, and read it. Check you understand all of the science and key terms involved (you may need to look these up)
4. Prepare a 5 minute presentation on the article. This will be delivered to your peers (other year 12 biologists) and should be at an appropriate level. You can either prepare the slides (max 10) on PowerPoint, or notes (500 words) for the presentation. The presentation should include the following:
 - A description of the science and scientists involved
 - Explanation of the science covered in the article – appropriate to GCSE higher level.
 - Describe why the work is important – what difference could it make?
 - Any ethical issues raised by the science?
 - Why are you interested in this topic?
5. The work should be your own – no copy and paste please. You should use diagrams and pictures, but you need to show where they are from. Take care over the spelling of scientific words.
6. Make sure your name is at the top of the document and in the file name. Save your work and email to gideon.lyons@sns.hackney.sch.uk by September 5th 2016. We will be asking students to do presentations during lessons next term.

If you have any questions, please contact me at the address above.

Mr Lyons