

Cell Biology by the Numbers - Exercise 5

Energies and climate change

1. Watch [this](#) extremely popular lecture ($>10^7$ views): "How to start a speech" and try to estimate if the two factoids stated are correct. Do a back of the envelope calculation that tests the statements the speaker gives as examples of interesting "fun facts".
 - a) "There are more people alive today than have ever died"
 - b) "The sun supplies in 2 minutes what humanity uses in a year."
2. Think of a numerical fact that could open your talk on your rotation project/MSc project/PhD project/post doc elevator speech/job talk interview/Bill Gates meeting.
3. Look at the [document](#) we recently started on "The numbers you need to know to think about climate change" and either give a comment about it or suggest a number to add to it.
4. You were assigned a date for your final presentation. Make sure you can make it to the date you've been assigned to according to [this list](#) (if not, find someone to switch with and notify us).
5. **Read thoroughly** "[The User's Guide to your 5 minutes of numerical glory](#)", and write to yourself the relevant deadlines according to your presentation date.
6. Suggest an idea for your final project. Write the question you want to deal with in 1-2 sentences and any lead you may have on the relevant calculation.

