

Biology 1 - options (Keep your scientist brain sharp!)

Online Activities:

- <https://www.zooniverse.org/projects/embeller/offal-wildlife-watching/about/research>
 - Official wildlife watching: Camera trap monitoring of hunter provided carrion. Help zooniverse classify organisms.
- <https://www.zooniverse.org/projects/derekedwardlee/measuring-giraffes/about/research>
 - Help people and giraffes coexist
- <https://www.zooniverse.org/projects/mzfasdg2/reading-natures-library/about/research>
 - Help Manchester museum collect information on their artifacts.

You do not need internet access:

- Think about organisms outside, make a list of living things and make a dichotomous key of the organisms on your list.
- <https://www.biologycorner.com/worksheets/pamishan.html> - use a dichotomous key to name the organisms
- Read passage and answer questions: "Sea Turtles"
<https://www.readworks.org/article/Keeping-Sea-Turtles-in-the-Dark/a5d77c18-5238-45db-9f08-72fb5f05c890#!questionsetsSection:23909/articleTab:content/>

Biology 2-options (Keep your scientist brain sharp!)

Online Activities:

- Work on your infectious disease project.
- Keep track of statistics on the corona virus and make a graph charting days and number infected in the U.S. Write down any important events on days that they happen (ex: schools close, restaurants close).

You do not need internet access:

- Genetics case study "A sickly sweet baby boy"
https://sciencecases.lib.buffalo.edu/files/sweet_baby.pdf
- Read the article and answer the questions: "Variation of Traits"
<https://www.readworks.org/article/Variation-of-Traits/8e113fc7-bd34-4458-bf22-57f54837a138#!articleTab:content/>

Lab Science: - options (Keep your scientist brain sharp!)

Online Activities:

- Find a high profile case where the person was wrongfully convicted. Write a summary of what forensics evidence was used and how it helped.
- Write down a meal you had during your time off. Research how the food is broken down from the moment it enters your mouth until you get the nutrients you need.
 - Follow up with how many calories, and what type of nutrients your body is able to use from the food.

You do not need internet access:

- Forensics case study “ A headache to die for”
https://sciencecases.lib.buffalo.edu/files/killer_headache.pdf
- The appendix isn't useless reading:
https://docs.google.com/document/d/14HWGqicGRfP1s_9VZJRkXXjwNiJAqMqa8LiUpA_JDF0/edit
- Read the passage and answer the questions: “Understanding False memory”
<https://www.readworks.org/article/Researchers-Beginning-to-Better-Understand-False-Memory-Formation/6a08c84c-c8dc-4e05-9940-d5a469148a99#!articleTab:content/>

Chemistry 1 - options (Keep your scientist brain sharp!)

Online Activities:

- <https://www.msichicago.org/experiment/games/goreact/> a game that allows you to make chemical formulas.

May need some internet:

- Keep a log of chemicals you find in everyday things you are using (food, household cleaning, etc.). Research and write down all you can learn about those chemicals.

You do not need internet access:

- Extra conversion practice:
 - <https://docs.google.com/document/d/1-TeWKQK33ze2H-E2J183DvKHXLk9dHO4o2ZKZ-wRS-Y/edit>
 - https://docs.google.com/document/d/1lfH_vtYp1pQtOgk5eWPPLzvfjozm9gFt1JelwvrNirc/edit

Chemistry 2 - options (Keep your scientist brain sharp!)

Online Activities:

- Biochemistry webquest
 - https://www.ptbeach.com/cms/lib/NJ01000839/Centricity/Domain/113/Biology%20labs%20and%20handouts/BIOCHEMISTRY%20WEBQUEST_2016.pdf
- Work on chemistry semester project.

You do not need internet access:

- Read the passage and answer the questions: "Radiation"
<https://www.readworks.org/article/Radiation-What-You-Need-to-Know/632d4df8-f9d2-48b3-ac6d-9f9fc6e7023a#!articleTab:content/>