



Mr. Green's
Summer Letter/ Newsletter

Hello families of Russell Conwell this year has been a challenging one in many ways and we have succeeded in rising to those challenges. The staff and students of Conwell made this a year a great one for me which was highlighted by the opening of the new science labs. These labs will give us the space and proper facilities to perform many more hands-on challenges and experiments. This year in class we created cell membranes using bubble solution, made rockets, balloon racers, and simulated what life is like for owl families fighting for survival. Looking towards the future I would like to engage the class with projects such as the creation of Lego robots, creation of apps, and a host of other types of technological projects to prepare our students for the technology positions of the future.



I would like to give a shoutout to section 71 for the great work and effort that they brought to class every day. I also want to give shout-outs to Xiomarys Casillas, Yamelis Soto and Angeline Flores for their daily initiative in decorating the door and their daily help in the classroom. Ali Hamed also gets a shout-out for his excellent essay on what science means to him for the opening of the new lab. Finally, I want to give shout-outs to Tyhira Roberts, Sage-Lee Boone, Danica Guile, Annalynn Thomas, Benedict, Odette Duran, Sienna Baird, Janyah Rogers, Jose Rivera, Brian Fung, James Williams, Cindy Jang, Termilus Yu oh, Gracie Paul, Isabel Paul, Jason Chew, Jason Chasteen, Jason Chen, Danielle Fanfan and Hadassah Castro for awesome work and a great attitude every day.



One of the best ways to learn science to dig in experiment and research those things that interest you. Next year, we will be participating in the Carver Science Fair and those students who want to get a head start on this can look for ideas in the websites listed below

1. <https://www.sciencebuddies.org/middle-school-science>
2. <https://www.education.com/science-fair/middle-school/>
3. <https://www.kiwico.com/blog/2018/03/05/middle-school-science-fair-projects/>

In addition to the science fair, we will also be participating in the Philadelphia Junior Solar Sprint. Information on the sprint can be found here <https://www.phillysolar.org/junior-solar-sprint>. Finally, there are some great books on stem topics such as:



- A) [The Testing*](#) by Joelle Charbonneau – A post-apocalyptic tale that follows a teen girl whose life hinges on a test. Covers botany, engineering, green technology, orienteering, and more.
- B) [Dark Life*](#) by Kat Falls – Explores engineering, climatology, echolocation, marine biology, and oceanography while following a gripping story of undersea pioneers
- C) [Why is Milk White? And 200 Other Curious Chemistry Questions](#) by Alexa Coelho and Simon Quellen Field – Answers a variety of science questions with fascinating explanations and real world examples.
- D) [One Minute Mysteries](#) series by Eric and Natalie Yoder – one minute mysteries you solve using STEM concepts.

Lastly, have a great summer and I hope that everything we have been through and observed leads to real lasting positive change. I hope to see you at the start of the next year in the new lab,

Sincerely,

Mr. Green

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