

Name _____

Science
Summer Homework 2018

Dear Class of 2020--Future 7th Graders,

Here are your assignments for which you will receive credit upon **completion and submission** to me **Friday, September 7, 2018**. You must complete two to receive credit. Include this paper and mark which assignments you are submitting.

No partial credit will be given for this assignment.

No late assignments will be accepted, so please plan accordingly.

Mrs. Hamilton-Southerland
Science Teacher

1. Go to a museum, zoo, or aquarium (does not have to be in NY). Create a photo array with captions that shows your experience. You should have a minimum of ten pictures with captions on three sheets of 8.5"x11" colored paper taped together. Put your first and last name in the upper left corner on the back of the product.
2. Read a biography or autobiography of a scientist. *Write a 1.5- to 2-page composition on him/her. Be sure to include (a) fascinating information about the person when he/she was a child (b) how his/her contribution impacted the world (c) the title of the book (d) the author if it is a biography. Type your first and last name on the left side at the top of the paper and the title and author of the book underneath. Do not copy & paste from the Internet or books---**use your own words**.
3. Conduct a science **investigation** of your choice and type a *written report that includes: photos of you conducting the investigation (you must be in the photos), your hypothesis, your materials, your findings, and if you were successful in proving your hypothesis. On the front, top left side of the paper, type your first and last name. Underneath your name, type the title you gave to your investigation.
4. Compose a song (it can be to the tune of another song or an original one) that tells about a science concept in one of the following areas: (1) geology, (2) chemistry, (3) the human body, or (4) organisms other than humans. You must give credit to the person(s) who wrote the music but the lyrics must be your own. *On the front, top left side of the paper, type your name. Underneath your name type the title you gave to your song and the person(s) who wrote the music. Do not copy & paste from the Internet---**use your own lyrics**.
5. Create a poster of scientists by taping three sheets of colored paper together (each sheet will be 8.5" x 11"). NEATLY glue/tape 10-15 pictures. Include his/her name and a caption that tells how his/her contribution impacted the world **in your own words**. Put your first and last name in the upper left corner on the back of the product.

*The composition, written report for the investigation, and song are to be typed using 12-font, Arial or Times New Roman-style. (This is Arial, 12-font. This is Times New Roman, 12-font.)

The investigation should be to PROVE something, NOT demonstrate something; for example, a volcano erupting is a demonstration. "The effects of volcano ash on ocean life in the Pacific Ocean a hundred miles from the Big Island of Hawaii" is an investigation.