Summer Assignment

Howdy soon-to be 8th graders! Over the summer we are going to cover three topics that were not covered in the stage 8 Cambridge curriculum. These topics include: the structure and function of DNA, Mitosis and Meiosis. Since the project I’ve selected include many different options, there will be plenty of opportunities for you to use your creativity. All summer assignments are due on the first day of school, **August 13th**. They must be all ready to turn in that Monday.

**Directions**

Assignment #1: DNA “The Double Helix.” This is a simple informative worksheet. You must read, color the DNA strand, and answer the questions thoroughly. Please be sure to highlight, circle and annotate the short reading.

Assignment #2: “Cell Division Project.” Students are to research mitosis. Once you have a good understanding of what mitosis is and all the stages involved in mitosis, google a video to get an overall summary of the process of mitosis. You are allowed to chose ONE of the seven options available. If you chose to do a partner project, it is your responsibility to plan transportation and split workload.

Assignment #3: “Meiosis Process Project.” In order to complete this assignment, you will need to research Meiosis. You must know the difference between Meiosis and Mitosis as well as understand the phases. You are allowed to chose ONE of the six options available. If you chose to do a partner project, it is your responsibility to plan transportation and split workload.