

IF I COULD INVENT SOMETHING NEW



School: Dewsprings Schools

Class: JSS2

HEIRS INSURANCE GROUP
ESSAY COMPETITION

**EMMANUEL
UDUAKOBONG
SUCCESS**

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INTRODUCTION

Humanity has been blessed with numerous discoveries and inventions. Each invention is designed to meet a certain need. For example, the airplane was invented for fast transportation by air, televisions for information, mobile phones for communications, and even pens for writing. Inventions of different kinds surround us, but they all come from the desire to meet a certain demand or need, supporting the popular saying, "necessity is the mother of invention." As a student with a dream to specialize in health sciences, my passion and interest in human health led me to dream of a drug that could put an end to hereditary diseases, which are often incurable. Therefore, if I could invent something new, I would invent a gene changer.

THE IMPORTANCE OF A GENE CHANGER

Our traits and physical features are what define us. The process by which these traits are manifested is complicated, but all traits, both good and bad, are contained in structures called genes. A gene is thus the storehouse for our traits. Being friends with a sickler has made me realize the terrible nature of bad genes. A gene changer will be designed to identify the bad genes in the body and replace them with the good ones. Such a drug will put an end to all hereditary diseases, including sickle cell anaemia.

HOW A GENE CHANGER WILL FUNCTION

People will take the gene changer drug with defective genes. The drug will work by dissolving in the bloodstream to be carried to the body's cells and tissues. The bad genes in the individual cells will be identified by the gene changer and acted upon to cause their deletion and subsequent replacement.

Replacing the defective gene will eliminate the traits and symptoms characteristic of such a disease, thus curing the patient. This means that a gene changer will be able to cure any hereditary disease.

CONCLUSION

The traits that are passed down from parents to offspring are contained in genes. A defect in genes is thus the cause of diseases that are inherited. With an advanced drug such as the gene changer, such diseases will be treated and cured. The drug will go on to reduce infant mortality since a large proportion of child deaths are due to hereditary diseases. A gene changer will thus be seen as the long-awaited solution to hereditary diseases. This is what I would love to invent. This is my dream invention.