

If I Could Invent Something New

My name is Afolabi Jah-Juedalo, a student in JSS 1 attending Teto International Montessori School, Ibeju-Lekki, Lagos. I am excited to participate in this essay competition not just because this would be my first time doing this but because I was thrilled to hear that I had the privilege to participate in writing about my dream invention.

If I could invent something new, it would be a **Nano robot**. I would like to do this because I've both seen and heard people die everyday as a result of the fact that there are limited machines to process and diagnose what patients go through in hospitals nor those which could even proffer solutions to the tests taken and diagnosis given. I've also observed that a lot of people go through so much stress doing house chores and performing various uphill tasks. It is also a reality that even where the solutions to these problems exist, humans pay through their noses to enjoy the comfort of using them.

First of all, what are Nano robots? Nano robots are tiny machines made to perform tasks at the molecular or cellular level, often in areas like:

- . Medicine (targeted at drug delivery)
- . Manufacturing (targeted at inspection and perfection)
- . Environmental remediation (targeted at cleaning pollutants)
- . Research (targeted at solving problems in biological, chemical and physical sciences)

If I invent my Nano robots, they would be to solve the following global or worldwide problems:

1. In Health care;
 - . For drug delivery and personalised medicine
 - . For Cancer treatment and tumor removal
2. For environmental remediation:
 - . To Clean pollutants and toxins from water and soil
 - . To Detect and neutralise harmful chemicals
3. In the Manufacturing industry;
 - . To improve on raw materials and surface coatings
 - . For Enhanced quality control and defect detection

4. In the Energy and resources sector:

- . To Enhance oil recovery and more efficient extraction
- . For Water purification and desalination

5. For Space exploration;

- . To Enhance propulsion and navigation systems
- . For Planetary exploration and sample collection

6. In Disaster response and recovery:

- . For Search and rescue operations
- . For Infrastructure inspection and repair

7. For Food safety and agriculture;

- . To Monitor and remove contaminants
- . For Improved crop yields and disease resistance
- . For Enhanced nutritional content and food processing.

In furtherance to inventing my Nano robots, I'll ensure that they are more available to the larger majority at affordable rates or accessible through convenient trade-by-barter arrangements

In conclusion, I know that I'd like to touch if not all aspects of human life, at least most of it by my invention. And, the invention of Nano robotics has the potential of revolutionising various fields, including promoting healthcare and ensuring environmental sustainability. Hence, the need to make my Nano robots easily accessible to all levels of individuals would be of utmost importance to me. These tiny machines can perform tasks with unprecedented precision and efficiency, thereby transforming the way we approach complex problems.