**IF I COULD INVENT SOMETHING NEW.**

My name is Jacobs Oluwanifemi Esther. I am in Junior Secondary School 2. I attend Graceland School. I am writing about an essay titled ‘If I Could Invent Something New’. If I had the opportunity to invent something new, it will be a portable water purifier.

Firstly, portable water purifier is a compact device that make water pure and clean from any water source, making it safe for drinking. This device also contains Bluetooth speaker and power bank.

Secondly, Portable Water Purifier looks like a small medium sized thermos. It has a cover at the top and a cup like cover at the bottom. It works by when you unscrew the cover at the top. You see a filter that looks like a net. You pour your water on the filter. This filter will remove bacteria from the water. There will be a valve that will be closed as you pour the water in the filter. When you are done, the valve will be opened.

After, the water has been filtered, the water will be made pure by Ultra violet light which kills virus and bacteria. This Ultra violet light is controlled by a switch found outside the device. There will be a light on the switch to inform you to switch it on. A valve will be closed while Ultra Violet light is doing its job. When it is done, the valve will be opened.

The water will be filtered by another filter. Then, the colour indicator will display green or the device will make a sound to show the process is done. Green light indicator also indicates the battery of the device is full. You then will unscrew the cup like cover, then your water will then be poured out. Portable Water Purifier also works as a power bank, it uses wind and solar energy to power its large battery and generates it as energy to charge phones. Portable Water Purifier works as a Bluetooth speaker by a blue light indicator. It will display the Bluetooth sign with a red dot on it. Showing this means that it has been paired with the desired device. Then, it will be played by the speaker.

The advantages of Portable Water Purifier are it is easy to carry about, it reduces the like hood of water borne diseases, it saves time, money and fuel, it is used to charge phones and it works on renewable energy which causes zero pollution. Portable Water Purifier influences health and health cares.

In conclusion, Portable Water Purifier will be made to reduce the casualties in the ongoing Cholera outbreak and another water borne diseases. I hope that one day I will be able to invent Portable Water Purifier. I hope I have been able to write to you an essay titled ‘If I Could Invent Something New’