**IF I COULD INVENT SOMETHING NEW…**

 If I could invent something new, I would make teleportation a reality. Technology is the application of scientific knowledge for practical purposes. Teleportation is the moving of matter from one place to another instantly without the interaction of physical matter, through technology. Teleportation has played an important role in science fiction, as it is shown in almost every science fiction film or series. The Internet, Artificial Intelligence (AI), space travel, 3-D printing, and laser guns are all examples of what was brought to reality by the ideas put into young inventors’ minds through science fiction.

 The teleportation machine would start by detecting cosmic rays that pass through the Earth daily. These rays are produced as violent reactions happen throughout the universe and can pass through anything. According to the University of Chicago, trillions of cosmic rays hit the Earth every day, with over 80 thousand hitting a square centimetre daily. This makes it possible to scan the Earth’s surface and create a perfect replica, thereby visualizing the Earth’s surface accurately.

 Another essential aspect is making the location more precise, as we are decomposing matter and energy and rearranging it somewhere else. You would appear in the exact location of the coordinates you enter, such as the longitude and latitude on Earth. This would ensure you arrive precisely at your intended destination.

 Many positive outcomes can result from being able to teleport, such as limitless exploration of the Earth, quick responses to emergencies, and increased unity worldwide. This would revolutionize transportation, allowing you to travel from the comfort of your home to places like Denver, the Bahamas, or Australia in less than a minute. It would also change how we explore, enabling you to visit Mount Everest and return safely within a day.

 Teleportation would enable faster emergency responses, thereby saving lives, and reducing the amount of toxic gases in the air, as people would likely choose the fastest mode of transportation. Some may argue that teleportation poses a threat to personal and global security, but every problem has a solution. Forbidden areas could be created where no one can teleport by contacting the maker and blocking specific longitudes and latitudes. If an unauthorized teleportation attempt occurs, the FBI will be notified of a breach at the specified coordinates.

 Others may worry about landing in the wrong location. However, the algorithm would only allow teleportation to places with solid ground, ensuring that you do not end up in a dangerous or unsuitable location.

 Kolawole Eden Araoluwa

 Grade 7

 Juilliard Academy