ROLE OF TECHNOLOGY TOWARDS SUSTAINABLE DEVELOPMENT

by:
Florinda L. Bantog
Master Teacher I, Lamao Elementary School

Nowadays, people are accustomed with the use of technology. Communication with distant relatives is just one click away through gadgets like cellphones and computers. Moving from one place to another becomes possible through vehicles. Performing our daily tasks like cleaning the house, cooking food, washing clothes, and many more has never been easy and convenient with vacuum cleaner, stove, and washing machine. On hot sunny days, people continue to experience cool breeze from air conditioning units. On cold rainy days, people can stay inside their home without getting bored by watching TV shows. Furthermore, people even make money from selling items which are all products of scientific application. Indeed, people get to experience all the luxuries in life through technology - practical application of scientific knowledge.

However, all these do not amount on the crucial role of technology for our sustainable development goals. Sustainable development goals are the blueprint to achieve a better and more sustainable future for all. These address the global challenges we face, including those related to poverty, inequality, climate, environment, prosperity, and peace.

With the advent of technology, economic growth becomes evident thereby increasing the demands for employment. Then, sustainable jobs are offered to everyone with equal opportunity thereby lowering the poverty rate. All children get nourished. Perils of hunger are eradicated.

In rural areas, lack of quality education is a big concern. It may be associated to poor condition of the schools. By making bolder efforts like improving school buildings,
providing technologies like television or projector in classrooms, and improving water and electricity access, can provide bigger strides for achieving quality education.

Climate change is a global challenge that affects everyone, anywhere. Most of the countries are now using science and technology to find answers towards achieving a solution to this major environmental problem. With the emergence of green technology, we can combat climate change and its impacts. This is the use of renewable energy sources like wind energy, solar energy, geothermal energy, and hydropower instead of limited sources like fossil fuels. Through this, we can cut down on pollution and avoid depleting natural resources.

As technological innovation develops at a quick pace, it has basically altered how conflicts develop and play out. Throughout history, technology has driven warfare. Some countries are busy developing nuclear weapons like atomic bombs which they say are only for national security. Enabling technologies to bring peace should be of concern. Peacebuilders, with the use of information and communications technology, can help divided nation connect across borders and understand each other’s perspectives.

These days, technology plays a big role in all of our lives. The easiest way to promote sustainable development is through education. By educating ourselves on the technologies that offer sustainable solutions and alternatives, we can make better choices for ourselves and for future generations to come.

References:


https://imp.center/i/paragraph-importance-science-technology-5247/