

### **Essay topic: if I could invent something new.**

Innovation is the heartbeat of progress during humanity forward with new ideas that shape our world if given the chance to invent something entirely new, my focus would be an addressing a pressing global issue; Clean and sustainable energy. The invention I envision aims not just to revolutionize energy generation but also to redefine our approach to environmental sustainability.

The concept revolves around harnessing kinetic energy from everyday human activities and converting it into usable electricity, imagine sidewalks embedded with smart tiles and capture the kinetic energy from foot steps or highways fitted with special materials that generate power from the motion of vehicles passing over them. This invention would turn the mundane into the extraordinary transforming urban spaces into hubs of renewable energy production.

The implication of such an invention are profound by tapping into kinetic generated by human movement and transportation; we can significantly reduce our carbon footprint. This technology could be integrated seamlessly into existing infrastructure providing a decentralized source of clean energy that is both efficient and sustainable.

Moreover, the invention would not only address environmental concerns but also foster a sense of collective responsibility citizens would become active participants in the energy transition, consciously contributing to a greener pasture with every step they take or mile they drive. This democratization of energy production could empower communities particularly in underserved areas by providing access to reliable electricity and reducing costs from a technological stand points the invention would require inter-disciplinary collaboration and cutting-edge research in materials science, engineering and renewable energy technologies. It would necessitate the development of robust durable materials capable of withstanding the rigors of dairy use while efficiently converting kinetic energy into electrical power furthermore, the invention would need to adhere to stringent safety standards to ensure its viability in urban environments. Measures would be put in place to prevent accidents mitigate potential hazards ensuring that the benefits of clean energy generation outweigh any associated risks.

In conclusion, the invention of a kinetic energy harvesting system represents a paradigm shift in our approach to energy sustainability by harnessing the latent power of human movement and transportation, we can pave the way towards a cleaner, brighter future for generations to come. This innovation not only holds the potential to mitigate climate change but also to inspire a global movement towards a more sustainable way of living. As we stand at the precipice of a critical juncture in our

planet's history, the time is ripe for bold ideas and transformative inventions that can reshape our wards for the better.

David Oluwanifemi Omowunmi

Our Lady of Apostle Junior Secondary School Ijebu-Ode

J.S.S 3 Blue

13 Years Old

08052083059