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**IF I COULD INVENT SOMETHING NEW**

In the ongoing battle against plastic pollution in our oceans, biodegradable clean-up drones may emerge as a revolutionary solution. These drones are equipped with sensors and tools designed to locate and remove tiny pieces of plastic, known as micro plastics (minuscule pieces of plastic), from water bodies such as oceans and rivers. They could be a significant step forward in addressing one of the most urgent environmental challenge

The drones would be relatively small in size and would go 10 feet high in the air. They would come down to the surface of the ocean to pick up the plastic and then come back up to look for more. The drone would shine a red light when they sense any litter and then a green light when the litter is cleared an also a bright white light in the dark.

The little drones would carry the trash to the nearest recycling bin and then put the litter in their respective recycling bin according to the material of the waste. They would be sent in groups of 10 in each state.

The primary focus of these drones is addressing marine and land litter. Marine pollution, especially plastic waste, is a significant threat to ecosystems, wildlife, and human health.

What sets them apart from automated waste sorting systems is their use of biodegradable materials, ensuring they decompose naturally over time and minimize environmental impact.

In conclusion, biodegradable clean-up drones represent a transformative innovation in environmental conservation. By harnessing the power of robotics and biodegradable materials, these drones offer a scalable and sustainable solution to the pressing issue of global pollution. Their ability to autonomously clean up diverse environments while minimizing environmental impact underscores their potential to complement traditional clean-up efforts and accelerate progress towards a cleaner, healthier planet. As we continue to invest in research and development, the promise of biodegradable clean-up drones as a cornerstone of environmental stewardship grows ever brighter.