

Innovation to save our oceans by Saptil Gurung (4E)

Water is one of our most important resources. Unfortunately, water all over the world is very polluted and it's just getting worse. Luckily there are people creating new inventions that help to improve our lives and save our planet.

One of the best innovations I've seen recently is a floating machine that eats trash. This is known as the Interceptor. It has already helped to clean up more than 1,600 tons of trash from the sea and rivers. Trash that would otherwise be floating on the surface of the sea for several decades without decomposing.

So, how does this machine work? Basically, it anchors near the bank of a river and then as trash floats down the river it runs into the long black barrier on the surface of the water. This drags the trash towards the mouth of the Interceptor. Once the trash is funneled in, it travels up the conveyor belt. Then it is dropped in one of the six floating dumpsters inside the machine. Once they're full, the Interceptor can stay put while the dumpsters are floated down the river. Then the trash is recycled or properly disposed of. The machine also has solar panels on the roof to make it run throughout the day without needing electricity.

This innovative project called #TeamSeas was launched 2021 by Mark Rober and Mr Beast, who is a successful YouTuber. They raised 30 million USD to remove 30 million pounds of plastic from the ocean, rivers and beaches. This innovation protects marine life because it removes harmful plastic from the water that animals see as food. It also stops this rubbish from washing out on beaches, protecting the land animals and keeping the environment around our beaches clean. It makes me happy to see that people can use innovation to help our environment and not just to make our lives easier or more convenient. After all, there is no planet B. We need to do everything we can to protect this planet, because it's the only planet that we have.