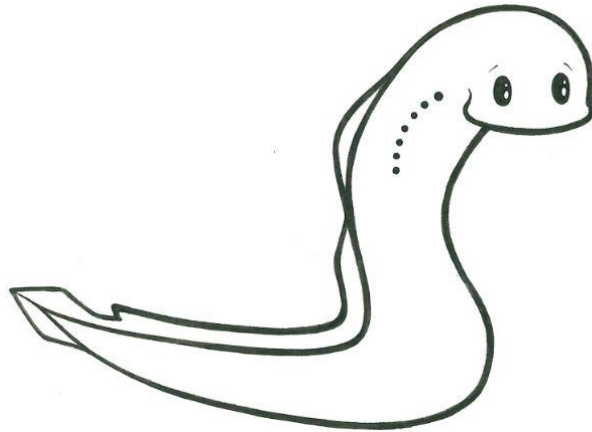


- Luna the Eel -



Imagine a clean river as it runs through the wilderness. In this river lives Luna the eel. Luna hasn't always lived in this river. She just returned from the ocean and is now ready to spawn. Luna is now going on an adventure. How is Luna?

Luna swims into farm country. She passes a freshly cut riverbank. It begins to rain as she is swimming and some soil runs into the river. (Dump soil into Luna's jar) How is Luna?

Luna nears a housing development. Some fertilizer from the lawns washed into the river awhile back. (Place brown sugar in Luna's jar). The fertilizer made the plants in the river grow very fast and thick. Eventually the river could not give them all the nutrients they needed, and so they died and are starting to rot. Because they are rotting they are using up some of Luna's oxygen. How is Luna?

Luna swims beside a large parking lot. Some cars parked on it are leaking oil. The rain is washing the oil into the river below. (Pour pancake syrup into Luna's jar.) How is Luna?

During some cold weather, ice formed on a bridge. County trucks spread salt on the road to prevent accidents. The rain is now washing salty slush into the river. (Put salt in Luna's jar.) How is Luna?

Luna swims past the city park. Some picnickers did not throw their trash into the garbage can. The wind is blowing it into the river. (Sprinkle paper dots into Luna's jar.) How is Luna?

Several factories are located downstream from the city. Although there are laws or rules that limit the amount of pollution the factories are allowed to dump into the river, the factory owners are not following them. (Pour warm soapy water into Luna's jar.) How is Luna?

The city's wastewater treatment plant is also located along this stretch of the river. Also a section of the plant has broken down. (Squirt two drops of red food coloring into Luna's jar.) How is Luna? (Giving an example of what wastewater is may be helpful as some students may not know that term. The teacher can say that wastewater is water that goes down the toilet and/or the water that goes down the drain after you wash your hands.)

Finally, Luna swims past a hazardous waste dump located on the bank next to the river. Rusty barrels of poisonous chemicals are leaking. The rain is washing these poisons into the river. (For each leaking barrel, squeeze one drop of green food coloring into Luna's jar.) How is Luna?