

## Freddie the Fish:

### You will need:

- A picture or drawing of a goldfish
- A plastic container
- Soil
- Oil
- Salty Slush
- Rubbish
- Food Colouring
- A felt tip/ whiteboard marker

Imagine a clean river it runs through a protected wilderness area. In this river lives our friend Freddie the goldfish. How is Fred? Freddie has lived in this stretch all his life. But now he is going on an adventure and travel downstream and we are going to follow him.

**Read the story as you go along and at each stage of the pollution of Freddie's environment, put the polluting agent into the water within the container with the template of the goldfish.**

1. Freddie swims past a farm. He passes a freshly cut river bank. As it begins to rain some of the soil becomes loose and falls into the river.

**\*Add the soil to the container.**

2. Freddie swims beside a large parking lot. Some cars parked there are leaking oil into the river below.

**\*Add oil to the container.**

3. During a recent cold spell, ice formed on the bridge. County trucks spread salt on the road to prevent accidents. The rain is now washing salty slush into the river.

**\*Add salty sludge into the river.**

4. Freddie swims past the city park. Some picnickers didn't throw their garbage into the rubbish bin. The wind is blowing the rubbish into the river.

**\*Add rubbish into the river.**

5. Several factories are located downstream from the city. Although there are rules that only allow factories dump a certain amount of pollution into the river, the factory owners are not following them and end up dumping more into the river.

**\*Add food colouring to the river.**

From this story I would like you to consider Freddie's thoughts and feelings:

How do you think he feels? Why?

What problems has this caused?

How can this affect Freddie?

Do you think this is a safe environment for Freddie? If not why?

Would you like to live like this? Why?