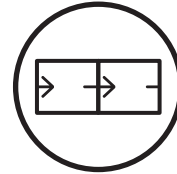
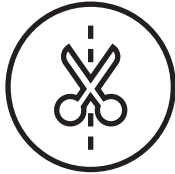




ACTIVITY
7

Pollution Chains

Cut out and create your own Pollution Chains

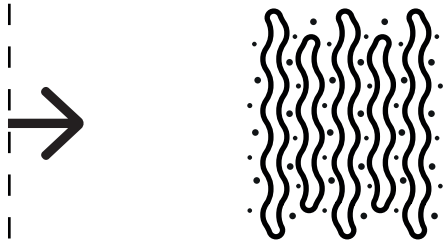


Cut along the dotted lines to create the six sets of Flash Cards

Note: The six sets of cards are not in the correct order

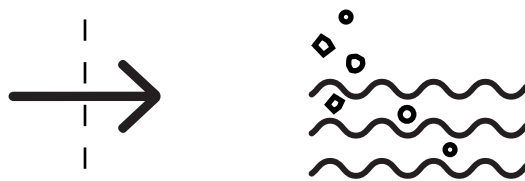
Arrange the Pollution Chains in the correct order

Nitrogen and phosphorus in fertiliser cause algal bloom



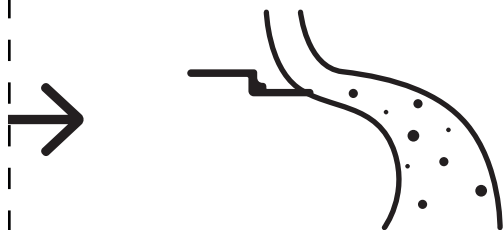
Fertiliser Pollution Chain

Litter is deposited in the ocean



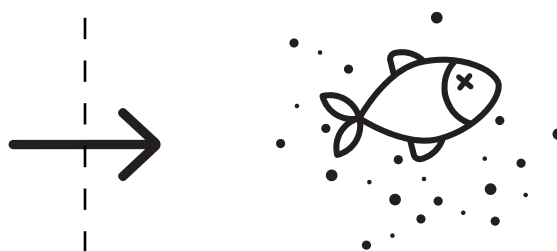
Litter Pollution Chain

Silt is deposited in freshwater streams near construction site



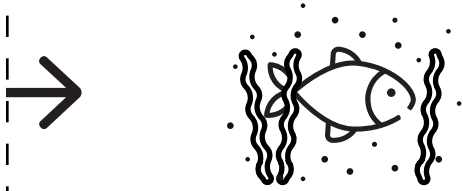
Silt Pollution Chain

Oil can kill plants, fish and other animals



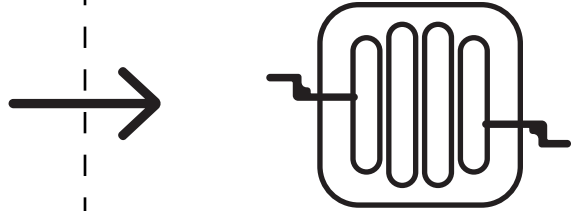
Oil Pollution Chain

The bacteria and viruses survive in the water



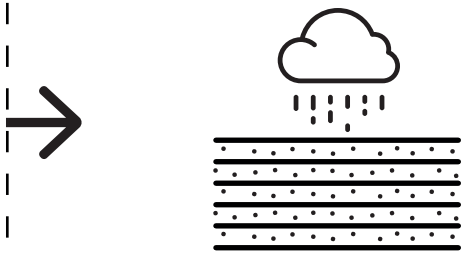
Sewage, Septic Tanks and Pet Droppings Pollution Chain

Rain water washes manure effluent from decomposing manure down a surface water drain



Organic Waste Pollution Chain

Rain washes fertiliser off the field



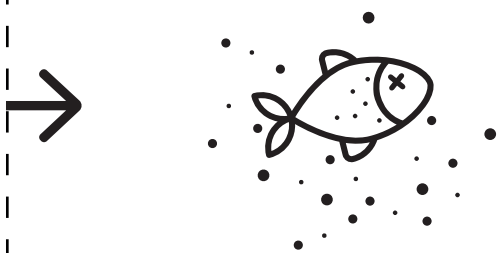
Fertiliser Pollution Chain

Rubbish is dropped onto the road



Litter Pollution Chain

Fish and other animals suffocate as their gills get clogged by the silt



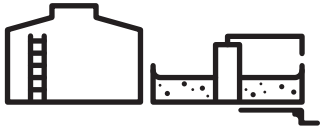
Silt Pollution Chain

Drain deposits polluted water into freshwater stream



Oil Pollution Chain

Sewage leaking from a treatment facility



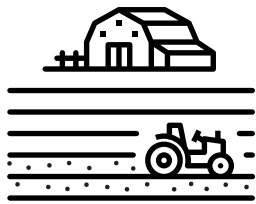
Manure effluent is discharged into a stream



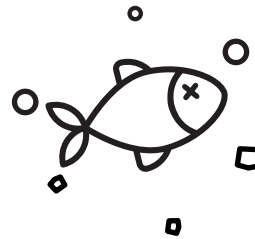
Sewage, Septic Tanks and Pet Droppings Pollution Chain

Organic Waste Pollution Chain

Fertiliser is spread over crops on farm fields



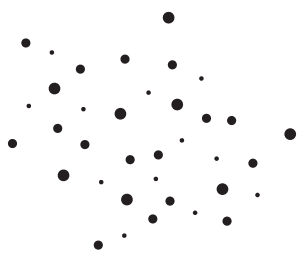
Fish choke on the litter and die



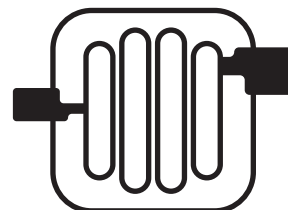
Fertiliser Pollution Chain

Litter Pollution Chain

The suspended sediment in the silt makes the water cloudy



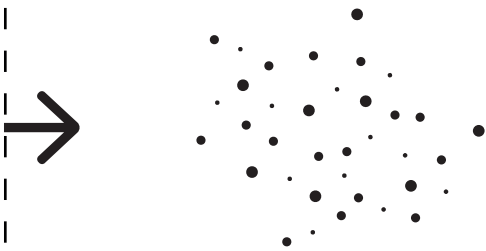
Oil flows down surface water drain



Silt Pollution Chain

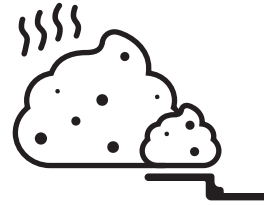
Oil Pollution Chain

Bacteria and viruses in the sewage transfer into the water



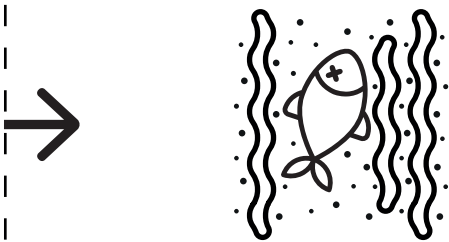
Sewage, Septic Tanks and Pet Droppings Pollution Chain

A large manure heap located close to a surface water drain



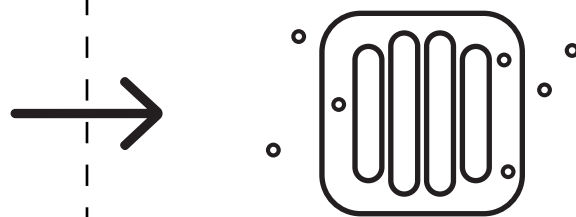
Organic Waste Pollution Chain

Algal blooms reduce oxygen in stream, harming fish and other animals



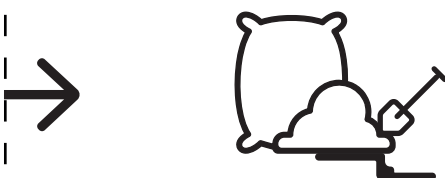
Fertiliser Pollution Chain

Litter gets washed down a surface water drain



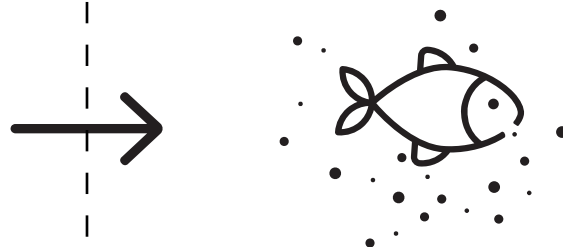
Litter Pollution Chain

Silt runs off construction site



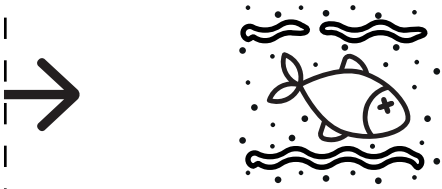
Silt Pollution Chain

Fish and other animals ingest the oil suspended in the water



Oil Pollution Chain

Sewage can be harmful to the plants and animals living in the stream, resulting in death



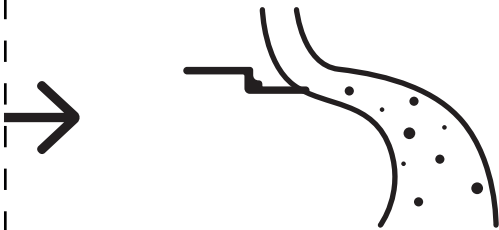
Sewage, Septic Tanks and Pet Droppings Pollution Chain

Manure effluent reduces oxygen levels in the water



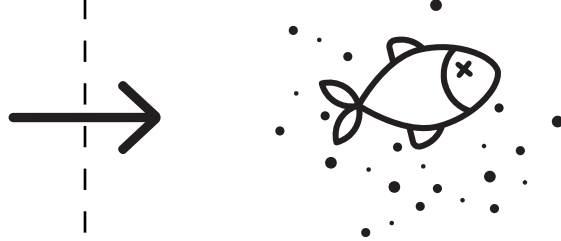
Organic Waste Pollution Chain

Polluted rainwater flows into freshwater stream



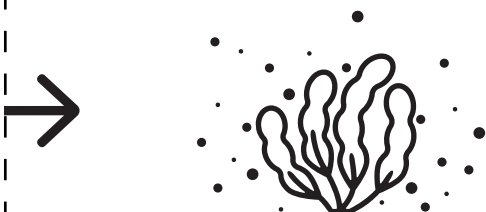
Fertiliser Pollution Chain

Toxins in the water poison and may harm fish and other species



Litter Pollution Chain

Cloudy water reduces light penetration and stops plants photosynthesising



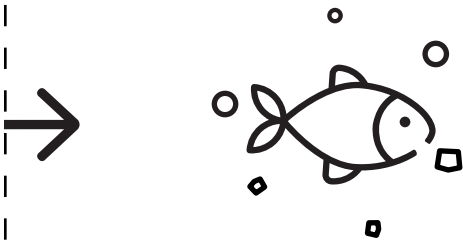
Silt Pollution Chain

Oil leaks onto the road from a faulty oil storage tank



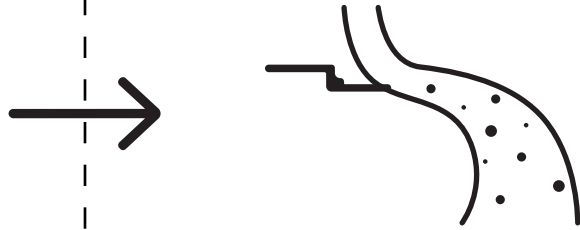
Oil Pollution Chain

Fish in the water mistake litter for food



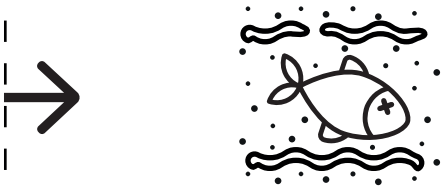
Litter Pollution Chain

Sewage is washed into a nearby stream by rain water



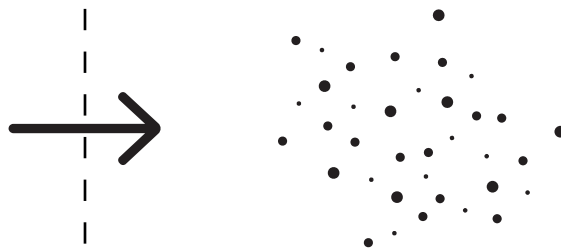
Sewage, Septic Tanks and Pet Droppings Pollution Chain

Oxygen deprivation can cause death of plants and animals



Organic Waste Pollution Chain

As the litter breaks down it releases toxins



Litter Pollution Chain