

ACTIVITY ONE – What is a Catchment?

1. In 25 words or less, write what you think a catchment is.

2. Label the parts of a catchment using the following clues:

Estuary

Rivers

Mountain peaks

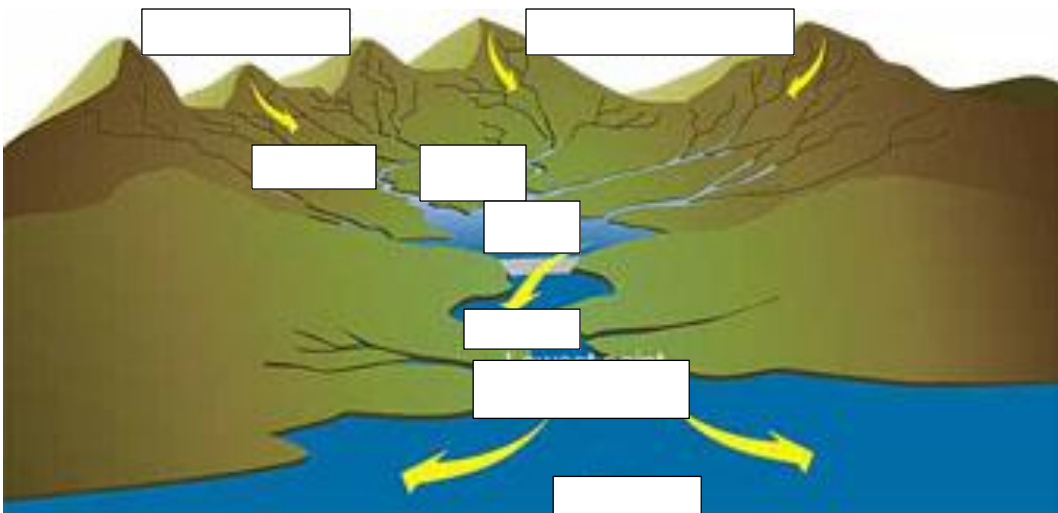
Lowest point

Ocean

Creeks

Dam

First order streams



3. List 4 types of natural environments you may find in a catchment

i)

ii)

iii)

iv)

4. List 4 types of built environments you may find within a catchment

- i)
- ii)
- iii)
- iv)

ACTIVITY TWO – Catchment Land Use Impacts

1. As water runs off the land it will take with it all sorts of pollutants. Match the land use photos with the potential pollutants or impacts (contaminants) from that activity. There may be more than one contaminant for each land use.

Land Use



Contaminants

- Plastic bottles
- Detergents
- Grease
- Fertilisers
- Petrol
- Grass clippings
- Pesticides
- Plastic bags
- Manure
- Oil
- Phosphates
- Sediment
- Paint

Land Use



2. List 4 things people can do to help PROTECT our waterways

- i)
- ii)
- iii)
- iv)

3. You are a farmer who runs a dairy farm in the Williams River Catchment. Your cattle have direct access to the river for drinking and you have noticed that the banks of the river are becoming eroded (wearing away). As a result, the water quality directly downstream from your farm is extremely turbid (muddy). Think of 2 things that you can do to help improve this situation.

- i)
- ii)

ACTIVITY THREE – Catchment Planning

Catchments are generally divided into Upper, Middle and Lower Catchments. In the table below, sort the following land uses into where you think they are most suited in a catchment.

Farms Cities National Parks Towns
Mines Dams Wetlands Industry
Sewage Treatment Plant Bushland Recreational areas

UPPER CATCHMENT	MIDDLE CATCHMENT	LOWER CATCHMENT