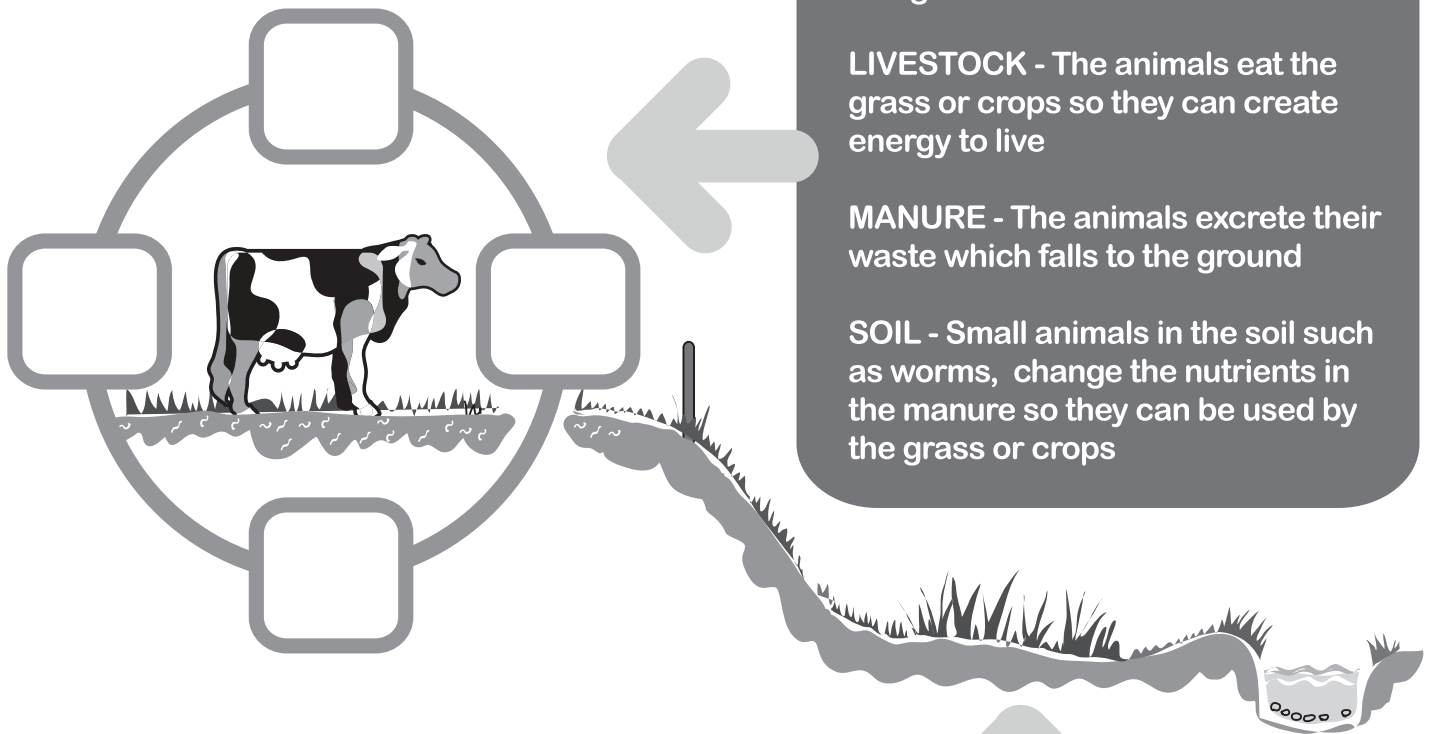




# River pollution - nutrient cycle & wetlands



The Nutrient Cycle: Add arrows and label the picture with the four different stages.



**GRASS** - The grass or crops grow using the nutrients in the soil

**LIVESTOCK** - The animals eat the grass or crops so they can create energy to live

**MANURE** - The animals excrete their waste which falls to the ground

**SOIL** - Small animals in the soil such as worms, change the nutrients in the manure so they can be used by the grass or crops

## Nutrient Loss and Pollution

Answer the following questions:

- 1) Where might nutrients be lost in this cycle?
- 2) What might happen if the nutrients get washed away into the river?
- 3) How might the following stop nutrients getting into the river?
  - Fencing off the river?
  - Creating reed beds within ditches?
  - Leaving a buffer strip of land between the animals and the river?
  - Recreating wetlands between intensively managed land and the river?