

# Environmental Science - Chapter 4

## Section 1 – How Land Is Used

agriculture	development	mining
fallow	litter	topsoil
subsoil	bedrock	crop rotation
bedrock	desertification	erosion
land reclamation	nutrient depletion	

- What are three major land uses described in the book?
- What are the four soil layers? What materials are found in each layer?
- What are three problems that can result from poor soil management?
- What are some farming techniques that help prevent erosion and nutrient depletion?

## Section 2 - Solid Waste

solid waste	recycling	municipal solid waste
biodegradable	leachate	resins
sanitary landfill	composting	incineration

- What are two ways to dispose of solid waste? What types of pollution are associated with each of these forms of disposal?
- How does a sanitary landfill differ from an open dump?
- What alternative is there to disposing of some solid wastes?
- What four types of municipal solid wastes can be recycled?
- What are the benefits to recycling? What are the drawbacks to recycling?
- What are the “three R’s” to help reduce solid waste?

## Section 3 - Finding Pollution Solutions

hazardous waste	flammable	toxic
corrosive	explosive	radioactive
secure landfill		

- What are “hazardous wastes?”
- What are the five categories of hazardous wastes? What harmful effects do they have?
- What factors determine how a person is affected by hazardous waste?
- What disposal methods are used for hazardous waste?

## Skills

- Be able to create a circle graph from information given in a table. Including ...
  - converting % into degrees
  - dividing a circle into appropriate size “slices”
  - labeling the graph (or shading the graph and including a key)
  - providing an appropriate title