DEFINE synergistic interactions
STATE the most significant contributor to a “throw away society”
STATE the greatest component of municipal solid waste in the U.S.
STATE the primary method of municipal solid waste disposal in the U.S.
STATE the percentage of municipal solid waste that is recycled in the U.S.
STATE the greatest component of municipal solid waste that is recovered in the U.S.
STATE the optimal waste management option
STATE the percentage of municipal solid waste that is composted in the U.S.
STATE the optimal hazardous waste management option
STATE the human risk that results in the most human deaths
STATE the medical name of mad cow disease
STATE the component of landfills that can be extracted and used as fuel
STATE the best type of soil used for constructing sanitary landfills
LIST sources (by percent) of municipal solid waste
LIST the the “3-R’s in order from most to least desirable
LIST byproducts of incineration
OUTLINE the drawbacks of incineration
OUTLINE the drawbacks, dangers and costs of sanitary landfills
OUTLINE integrated waste management
OUTLINE mad cow disease
OUTLINE dose-response studies
OUTLINE chronic studies
OUTLINE retrospective studies
OUTLINE the ED50
OUTLINE chemical persistence
OUTLINE biomagnification
OUTLINE The Montreal Protocol of 1987
OUTLINE The Kyoto Accord of 1997
OUTLINE The Stockholm Convention of 2001
OUTLINE bioaccumulation
DESCRIBE life cycle analysis
CALCULATE % increase
CALCULATE the ED50 for humans when given an ED50 value for mice
IDENTIFY examples of either closed loop or open loop reduction
IDENTIFY benefits of recycling aluminum
IDENTIFY downsides associated with recycling
IDENTIFY waste as either hazardous or nonhazardous
IDENTIFY strategies/actions consistent with an integrated waste management approach
IDENTIFY growing problems in healthcare systems of developed nations
IDENTIFY components of a life cycle analysis
COMPARE closed loop and open loop recycling
COMPARE human health risk factors between people in developing nations and developed nations
COMPARE LD50 and ED50
DISCUSS the decomposition that occurs in a sanitary landfill after it has been capped

DISCUSS the Brownfield Program
DISCUSS RCRA
DISCUSS CERCLA
DISCUSS malaria
DISCUSS H5N1 bird flu
DISCUSS the potential for environmental injustice(s) when siting a landfill
DISCUSS human judgements as it relates to actual and perceived risks
EXPLAIN the problem(s) that might arise from the overuse of antibacterial soaps
EXPLAIN how carcinogens change cells and result in cancer
EXPLAIN the LD50
PREDICT from a list of household items with would end up in the waste stream the soonest, the latest
ANALYZE data from a bar graph concerning recycling, landfills and incineration
ANALYZE data from a bar graph concerning HIV infection worldwide
ANALYZE data from a table and a world map concerning global health risks
ANALYZE a line graph concerning paper generation and recovery
ANALYZE a dose response curve