

GRADE: 7 SUBJECT: Science QUARTER: 2

Students will...	IL State Standard
Identify general categories of environmental issues.	12.E.3c
Describe how decision makers balance different needs and concerns.	13.B.3d,e
Name the three major fossil fuels.	
Explain why fossil fuels are considered nonrenewable resources.	
Identify/describe various renewable sources of energy.	
Explain how a nuclear power plant produces electricity.	
Explain what happens during a nuclear fission reaction.	
Name ways of conserving energy.	
Tell what cells are.	12.A.3a
Explain how the invention of the microscope contributed to scientist's understanding of living things.	12.A.3c
State the cell theory.	
Explain/describe how microscopes produce magnified images.	
Identify role of cell wall and cell membrane in the cell.	
Describe functions of cell organelles.	
Describe how most small molecules cross a cell membrane.	
Explain why osmosis is important to cells.	
Identify parts of compound microscope.	13.B.3b
Demonstrate proper use of microscope.	