

Curriculum Mapping

School: Illini Bluffs High School

School Year: 2009-2010

Course: Biology I

Grade Level: Freshman-Sophomores

Classes	ILS	Content	Skills	Assessments	Resources
6-7	11.A 12.A 13.A 13.B	The Science of Biology	<ul style="list-style-type: none"> -Identify fields of study relating to Biology -Explain the steps of the scientific method -Design a controlled experiment -Describe the characteristics of all living things -Explain the different levels at which life can be studied -Identify common lab equipment -Explain the use of common lab equipment -Identify the basic metric units of measurement -Identify and demonstrate proper lab safety 	Worksheets Labs Quizzes Tests	Textbook Power Points Handouts Internet
10-12	11.A 12.B 13.B	Ecology	<ul style="list-style-type: none"> -Identify the levels of organization that ecologists study -Describe the methods used to study ecology -Identify the source of energy for life processes -Trace the flow of energy through living systems -Describe how matter cycles among the living and nonliving parts of an ecosystem -Describe how the availability of nutrients affects the productivity of an ecosystem -Explain how Earth's temperature range is maintained -Identify Earth's three main climate zones -Explain how biotic and abiotic factors influence an ecosystem -Identify the interactions that occur within communities -Describe how ecosystems recover from a disturbance -Identify the characteristics of major land biomes 	Worksheets Labs Quizzes Tests	Textbook Power Points Handouts Internet
7-8	12.A	Cell Structure &	-Explain cell theory	Worksheets	Textbook