

GRADE: 7 SUBJECT: Science QUARTER: 1

Students will...	IL State Standard
Identify biotic and abiotic parts of a habitat.	12.B.3a 12.B.3b
Describe the levels of organizations within an ecosystem.	
Describe methods for determining the size of a population.	
Explain the causes of changes in population size.	
Identify factors that limit population growth.	
Explain how an organism's adaptations help it survive.	
Describe the major kinds of interactions among organisms.	
Name/describe energy roles that organisms play in an ecosystem.	
Name/describe processes involved in the water cycle.	
Name/describe three ways that dispersal of organisms occur.	
Name/describe factors that can limit the dispersal of a species.	
Name/describe factors that determine the type of biome found.	
Identify skills scientists use to learn about the world.	11.a.3a,b,c,d,e,f,g
Know and apply the concepts, principals, and processes of scientific inquiry.	
Identify the SI units for length, mass, volume, time, and temperature.	
Explain why line graphs are powerful tools in science.	
Describe how to determine a line of best fit for the slope of a graph.	
Explain what should be done if an accident occurs during an experiment.	
Explain why preparation is important when doing a lab activity.	