

GRADE: 7 SUBJECT: Science QUARTER: 3

Students will...	IL State Standard
Explain how the sun supplies living things with energy.	12.A.3a
Describe what happens during the process of photo synthesis.	
Describe basic structure of viruses.	
Discuss both positive/negative ways that viruses affect living things.	
Describe basic structures of bacteria.	
Describe how viruses and bacteria thrive and reproduce.	
Discuss both positive/negative ways bacteria affect living things.	
List ways infectious diseases can spread.	
Describe some treatments available for bacterial and viral diseases.	
Describe ways to protect ones-self against infectious diseases.	
Describe the results of Mendel’s experiments	13.B.3b
Identify what controls the inheritance of traits in organisms.	12.A.5b
Explain what is meant by genotype/phenotype.	
Explain what co-dominance is.	
Define what probability is.	
Describe the role of chromosome in inheritance.	
Explain relationship between chromosomes and genes.	
Identify some patterns of inheritance in humans.	
Identify two major causes of genetic disorders in humans.	
Identify the levels of organization in the body.	12.A.4b
Define homeostasis.	
Identify the functions of the skeleton.	

Explain the role joints play in the body.	12.A.4b
Describe the characteristics of bones and how to keep bones strong and healthy.	
Describe some injuries of the skeletal system and how they can be identified.	
Explain how bone and joint injuries can be treated.	