Manor School Third Grade

Science Year At A Glance

Unit	Skills	Approximate Weeks of Study
Structures	• Define what a structure is • Make structures (3D) • Record data • Predict • Draw conclusions • Discuss why a foundation is important • Discuss how different properties affect structures	5
Sound	• Discuss what makes sound energy • Create things that make sound • Name ways to make different sounds • Discuss how to create a soundproof room • Explain an echo • Talk about how an ear hears sounds • Learn and apply vocabulary: vibration, pitch, volume, echo, sound proof • Design and make an instrument	4
Plant and Animal Life Cycles	• Define a life cycle • Describe and draw the life cycles of a butterfly and a plant • Discuss why plants produce flowers • Discuss what makes seeds grow • Dissect a flower, identify its parts • Discuss the purpose of roots • Name reasons why insects are important to plants • Tell what an insect is • Draw a honeybee and label its parts • Discuss what butterflies eat and how they get that food • Know and use humane care with larvae, butterflies, and moths • Compare and contrast butterflies and moths • Use the words egg, pupa, larva, and chrysalis	12
Personal Health and Hygiene	• Describe signs and symptoms of various diseases • Use appropriate hand washing • Discuss proper blood handling • Identify diseases that viruses and bacteria cause • Discuss how you body protects itself from disease	2
Human Growth	• Define cells and tissues • Discuss how tissues from organs • Identify organs of the body • Identify purposes of the skeleton • Describe how muscles function • Understand how the body is a structure • Assembly a simple paper skeleton and label the parts	2
Nutrition	• Discuss why we need all the food groups to stay healthy • Understand the value each food group has for the body • Discuss and interpret the food Pyramid • Discuss how exercise can be important to health	2
Safety and First Aid	• Understand the need for an emergency exit plan for your home • Create an emergency exit plan • Understand what first aid steps to take in the case of minor injuries • Know how and when to use 911	1
	***The units on this map are not necessarily completed in the sequence listed. Variations may occur based on availability of materials, teacher preference, or student needs.*	9/08