

I. Grade Level/Unit Number: Grade 6 Unit Four

II: Unit Title: Ecosystem Interactions

III. Unit Length: 7 weeks

IV. Objectives Included:

Number	Competency or Objective	RBT Tag
1.01	Identify and create questions and hypotheses that can be answered through scientific investigations.	A1
1.02	Develop appropriate experimental procedures for: • Given questions. • Student generated questions.	B3
1.03	Apply safety procedures in the laboratory and in field studies: • Recognize potential hazards. • Manipulate materials and equipment. • Conduct appropriate procedures.	A3
1.04	Analyze variables in scientific investigations: • Identify dependent and independent. • Use of a control. • Manipulate. • Describe relationships between. • Define operationally.	B4
1.05	Analyze evidence to: • Explain observations. • Make inferences and predictions. • Develop the relationship between evidence and explanation.	C3 (c4)
1.06	Use mathematics to gather, organize, and present quantitative data resulting from scientific investigations: • Measurement. • Analysis of data. • Graphing. • Prediction models.	A2
1.07	Prepare models and/or computer simulations to: • Test hypotheses. • Evaluate how data fit.	B2
1.08	Use oral and written language to: • Communicate findings. • Defend conclusions of scientific investigations.	A1
1.09	Use technologies and information systems to: Research. • Gather and analyze data. • Visualize data.	A1