

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: <ul style="list-style-type: none">• Given questions.• Student generated questions.	B3
1.03	Apply safety procedures in the laboratory and in field studies: <ul style="list-style-type: none">• Recognize potential hazards.• Manipulate materials and equipment.• Conduct appropriate procedures.	A3
1.04	Analyze variables in scientific investigations: <ul style="list-style-type: none">• Identify dependent and independent.• Use of a control.• Manipulate.• Describe relationships between.• Define operationally.	B4
1.05	Analyze evidence to: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• Measurement.• Analysis of data.• Graphing.• Prediction models.	A2
1.07	Prepare models and/or computer simulations to: <ul style="list-style-type: none">• Test hypotheses.• Evaluate how data fit.	B2
1.08	Use oral and written language to: <ul style="list-style-type: none">• Communicate findings.• Defend conclusions of scientific investigations.	A1
1.09	Use technologies and information systems to: Research. <ul style="list-style-type: none">• Gather and analyze data.• Visualize data.	A1