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| [Name of lesson][Name of Unit] |
| **Grade Level****Lesson Length****STEM Careers****Next Generation Science Standards****Agricultural Science Standards** |  | http://www.broadcomfoundation.org/img/about/STEMgraphic.png*These lessons aim to bring the science, skills of inquiry, critical thinking, and problem solving to life through an agricultural context.*Learning Objectives By the end of the unit, students should be able to:Materials List  |

|  |  |
| --- | --- |
| C:\Users\kblack6\AppData\Local\Temp\STEM Careers Icons.pngDoIntroduction (Interest Approach that aligns with the Investigation)InvestigationResearch Questions  |  |
| Learning Activity 1: [name of learning activity]Learning Activity 2: [name of learning activity]Learning Activity 3: [name of learning activity] |
| C:\Users\kblack6\AppData\Local\Temp\STEM Careers Icons.pngReflection  |
| C:\Users\kblack6\AppData\Local\Temp\STEM Careers Icons.pngApply |
| **References:**  |

 Experiment Guidelines

Name:

***Lab Report***

**Please complete the following report during the design and implementation of your experiment.**

Research Problem

* Describe what you are investigating and justify why you are investigating the problem.

Hypothesis

* Formulate one or more hypotheses for your experiment.

Procedures

* Create the steps you will follow for your experiment.

Data Collection

* Describe the data that you will collect during your experiment.
* Provide graphs, tables, charts, and raw data as necessary.

Results

* Explain your results.

Conclusion

* Based on your data:
	+ What can you conclude?
	+ Were your hypotheses supported?
	+ Were their limitations to your experiment?
	+ What are new research questions that derived from this study?