Science Skills Warm-ups

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| Monday | TuesdayComplete the drawing. Be creative!!! |
| **A student wants to know if glucose is present in an unknown liquid. She places five milliliters of the liquid in a test tube and adds five drops of Benedict solution. She transfers the test tube to a beaker of boiling water for five minutes, then removes it and observes changes in the color of the solution. List at least one thing the student must do before, during and after the experiment in order to perform the task safely.** | ThursdayDetermine the independent, dependent and controlled variables for the prompt below:**Lemon trees receiving the most water produce the largest lemons.** |
| FridayCreate a graph to display the data below:

|  |  |
| --- | --- |
| Favorite Color | Number of Students |
| Red |  |
| Orange |  |
| Yellow |  |
| Green |  |
| Blue |  |
| Violet |  |
| Black/Grey |  |

 | **“Education is the most powerful weapon we can use to change the world.”****Nelson Mandela** |

Science Skills Objectives

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| Monday | TuesdayStudents will learn expectations and course routine/structure.**1.3** The student will carry out scientific investigations effectively and employ the instruments, systems of measurement, and materials of science appropriately. |
| Wednesday**1.2** The student will pose scientific questions and suggest investigative approaches to provide answers to questions.**1.3** The student will carry out scientific investigations effectively and employ the instruments, systems of measurement, and materials of science appropriately. | Thursday**1.4** The student will demonstrate that data analysis is a vital aspect of the process of scientific inquiry and communication.**1.5** The student will use appropriate methods for communicating in writing and orally the processes and results of scientific investigation.**1.6** The student will use mathematical processes. |
| Friday**1.4** The student will demonstrate that data analysis is a vital aspect of the process of scientific inquiry and communication.**1.5** The student will use appropriate methods for communicating in writing and orally the processes and results of scientific investigation.**1.6** The student will use mathematical processes. | “Education is not the learning of facts, but the training of the mind to think.”Albert Einstein |