|  |  |  |  |
| --- | --- | --- | --- |
|  | 15 points | 19 points | 25 points |
| Plan the Investigation | * Designs and investigation that will produce relevant data but with minimal detail about the variables
* Includes incomplete description of data collection procedures that impede replication
* Describes general evidence to be used to answer the question(s) with minimal detail.
 | * Designs an investigation identifying variables (dependent, independent, and controls).
* Includes data collections procedures that are mostly replicable.
* Identifies tools/instrument and type of measurements that will produce relevant data and/or evidence to answer the question(s).
 | * Designs an investigation identifying variables (dependent, independent, and controls).
* Includes sufficiently detailed description of replicable data collection procedures
* Describes tools/instrument and type of measurements that will produce relevant data and/or evidence to answer the question(s)
 |

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hr.\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_

Lesson 4: Activity 4.2 Plan and Carry Out an Investigation

Please attach this rubric to your experimental procedure.

Think about the following questions when designing your experiment.

* What conditions will your two samples of putty be placed in?
* How will you determine the effects of the different temperatures of your putty?