

Rubric - Moles of Chalk

Name: _____ Period: _____

	Advanced (4)	Proficient (3)	Developing (2)	Beginning (1)
Problem	Problem is clearly and articulately stated. Problem is specifically addressed in the course of lab design and implementation.	Problem is clearly stated. Problem is mostly addressed in the course of lab design and implementation; a little improvement may be recommended.	Problem is stated, but lacks clarity. Problem is addressed in the course of lab design and implementation; improvement is recommended in several areas.	Problem is not stated. Problem is not addressed in the design and implementation and needs a lot of improvement.
Materials	Materials are clearly listed and are all used in the course of the lab.	Materials are listed and most are all used in the course of the lab.	Materials are listed and some are all used in the course of the lab.	Missing some materials and/or some materials not used. A lot of improvement needed.
Procedure	Procedure is clearly listed in a step-by-step format. Procedure is easily replicated and no steps are missing. Procedure is reflective of lab techniques and strategies to solve the problem. It does not contain any unnecessary steps that are implied through other steps.	Procedure is listed in a step-by-step format. Procedure is can replicated; one or two steps are missing. Procedure is reflective of lab techniques and strategies to solve the problem. It may contain unnecessary steps that are implied through other steps.	Procedure is not fully listed in a step-by-step format. Procedure is not easily replicated; a few parts are missing. Procedure is not fully reflective of lab techniques and strategies to solve the problem. It contains unnecessary steps that are implied through other steps or is repetitive or lacks steps.	Procedure is not f in a step-by-step format. Procedure is not able to be replicated; a many parts are missing. Procedure is not reflective of lab techniques and strategies to solve the problem. It contains unnecessary steps that are implied through other steps or is repetitive or lacks steps.
Data Table	Data table is clean, neat, and organized. It is set up in a clear format and is very easy to read. Units are used when necessary as well as substance labels when necessary.	Data table is clean, neat, and/or organized. It is set up in a format and is easy to read. Units are used when necessary as well as substance labels when necessary with an exception or two.	Data table is not clean, neat, and/or organized. It is not easy to read. Units and substance labels are needed in a few areas.	Data table is missing or incomplete.
Calculations/Work	Calculations and work are clearly labeled and set up. It is easy to see each step and process; the train track method is obvious and clearly implemented. All numbers are clearly labeled with units and substance. All conversion steps are shown clearly and are labeled.	Calculations and work are labeled and set up; some improvements may be needed. It is easy to see each step and process; the train track method is used but can be improved in one or two spots. All numbers are labeled with units and substance; one or two may be missing. Most conversion steps are shown and are labeled.	Calculations and work are set up; improvements are needed. Process and steps need improvement; the train track methods is used inconsistently and needs work. Some labeling is done, but needs work. Some conversion steps are shown and are labeled.	Calculations and work need improvement in: <ul style="list-style-type: none"> ● Set up ● Process and steps ● Train track method ● Labeling of numbers ● Labeling of steps

SCORE: _____