# Soil Investigation and Classification Rubric

If used as an in-class checklist assessment, include a class roster such as the one shown below. Rate each student in each category as you walk around and talk with students as they work.

Alternatively, or in addition, collect each student’s science notebook after the activity and grade them using the rubric.

# Roster

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Student Name** | **Data** | **Interpretation** | **Format** | **Comments** |
|  |  |  |  |  |
|  |  |  |  |  |

# Rubric

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|  | **Emerging**  | **Developing** | **Proficient** | **Score/Level** |
| --- | --- | --- | --- | --- |
| Data | Some data collected is highly accurate and appropriate for each station with many errors. | Most data collected is highly accurate and appropriate for each station with few errors. | All data collected is highly accurate and appropriate for each station.  |   |
| Interpretation | Interpretations are largely missing or contain major errors. | Interpretations mostly accurately and clearly describe the data; however, some are largely superficial or contain minor errors. | Interpretations accurately, clearly, and deeply describe the purpose of the data and how it can be used to characterize soil.  |  |
| Format | Work is poorly organized or illegible. Drawings, charts, graphs, or tables are largely missing or rudimentary.  | Work is mostly organized and legible. Drawings, charts, tables, and/or graphs are included; however, some are unclear or missing essential headings and labels.  | Work is well organized and legible following class conventions. Relevant drawings, graphs, tables, and/or charts are well designed and neat with clear headings and labels.  |   |

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