Student-Led Conference - Science

The grid below identifies content knowledge and skills I have been practicing in science this year.

|  |  |  |
| --- | --- | --- |
| Trait | Demonstrated Level  | Evidence to support(justification) |
| Basic | Average/ Proficient | Advanced (goes above and beyond) |
| Organization |  |  |  | Table of contentsAll pages neatly in ISNUsing a ruler p.\_\_TabsHighlighting notes \_\_Notetaking/ graphic organizers p. \_\_Weathering Annotations p.53Plant Cardsp.24-25 |
| Measurement (m, L, g) |  |  |  | Mass p. \_\_Volume p.\_\_Length p. \_\_Metric Conversion p. \_\_Earth Layer Calculations p.54Earth Layer Model p.54Stage blueprint p. 49 |
| Data Tables, graphs |  |  |  | Volume Data table p.13 Mirror Maze p. \_\_Situational/ survey graphing p.\_\_Rate of Decay/ Half-Life lab p.42 |
| Science drawings/ models |  |  |  | Science Drawings p.\_\_Super Plant Project p.34Geologic processes p.45Stage blueprint p. 49Earth Layer Model p.54Collaborative Map p.58 |
| Research skills |  |  |  | Plant cards p.24-25Rock notes p.49Interview With a Rock Star p.49Odd Geology p.37Earth Layer Model p.55 |
| Content knowledge |  |  |  | Osmosis p.26Photosynthesis p.27Earth’s History Video p.38 Rock Types p.47Weathering and Erosion p.51Convection Cycle p.57Plate tectonics p.58-59  |
| Problem solving |  |  |  | Super Plant Project p.34Geologic Column sandwich p.40 Geologic Column analysis p.40Rate of Decay/ Half-Life lab p.43Rock Layer Scenario p.44 – Computer scenarios – Rock Layers |
| Connects/ Relationships  |  |  |  | Flow of energy p.31Rock Cycle p.46Convection p.56-57Plate Boundaries Reflection p.58 |
| Justification/ reasoning/ evidence |  |  |  | Super Plant Project p.34Self –Reflection p.35Plate boundary Expert map p.58  |
| Cycling of material and energy |  |  |  | Water, Nitrogen, and CO2 – O2 cycles p. 30Flow of energy p.31Rock Cycle p. 46 |
| Planning |  |  |  | Rock Band design sheet p.49Stage blueprint p.49 |
| Interpreting (analyzing) data |  |  |  | Plate Boundary Activity p. 58Geologic Column sandwich p.40 Geologic Column analysis p.40 |
| Notetaking |  |  |  | Scientific method notes p. \_\_\_Dating Notes p.41Geologic Processes p.45Boundary types p.59 |
| Hypothesis and Conclusion writing |  |  |  | Weathering Labs p.50Oil Lab p.56Half-Life Lab p.43 |
| Lab Procedure |  |  |  | Weathering Labs p.50Oil Lab p.56Half-Life Lab p.43 |
| Work Ethic |  |  |  | Earth Layer Model p.55Stage Blueprints p.49Super Plant Project p.34 |
| Comprehension |  |  |  | AssessmentsConvection notes p.56-57 |
| Team work |  |  |  | Plate Boundary Activity p. 58 |
| Work Completion |  |  |  | Notebook pages are all complete |