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| **Lesson 10: Design an ElectroFying ElectroCityGoal:** Students plan and design their final projects, which include multiple devices, at least some controlled by hidden switches |
| **Objective:** | **Below (1)** | **Approaching (2)** | **Proficient (3)** | **Advanced (4)** |
| A. Draw and describe the ElectroFying ElectroCity  | No drawing or description | Some drawing or writing; but idea is vague or too simple and/or does not use hidden switches | Well-thought-out concept involving a variety of circuits, at least some controlled by hidden switches | (3) + complex, innovative design |
| B. Create a diagram for each circuit | No diagram | Diagrams are unclear, incomplete and/or lacking switches | Clear diagrams of basic circuits | Accurate diagrams of complex circuits, e.g., including multiple switches |