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| **Category** | **Beginning (1)** | **Developing (2)** | **Proficient (3)** | **Exceptional (4)** |
| **Content Area Concepts** | \_\_\_ Does not include ideas about the subject area or ideas are incorrect | \_\_\_ Includes a few ideas about the subject, shows some understanding | \_\_\_ Focuses on and understands important concepts about the subject matter | \_\_\_ Makes important connections between subject area concepts, shows in-depth understanding  |
| **Project Design** | \_\_\_ Did not try to make own artwork \_\_\_ No clear purpose of project or organization \_\_\_ Does not provide a way for other people to interact  | \_\_\_ Project uses artwork of others with some effort to change \_\_\_ Has some sense of purpose and structure\_\_\_ Poorly allows people to interact.  | \_\_\_ Project uses original artwork or reuses imported images creatively \_\_\_ Has clear purpose, makes sense, has structure \_\_\_ Includes way for user to interact with program clearly.  | \_\_\_ Project artwork and creativity significantly support the content \_\_\_ Has multiple layers or complex design \_\_\_ User interface fits content well, is complex.  |
| **Programming** | \_\_\_ Project shows little understanding of blocks and how they work together \_\_\_ Lacks organization and logic \_\_\_ Has multiple bugs  | \_\_\_ Project shows some understanding of blocks and how they work together \_\_\_ Has some organization and logic \_\_\_ Some bugs | \_\_\_ Project shows understanding of blocks and how they work together to meet a goal \_\_\_ Is organized, and logical\_\_\_ Mostly debugged  | \_\_\_ Project shows advanced understanding of blocks and procedures \_\_\_ Uses additional programming techniques \_\_\_ Is particularly well organized, logical, and debugged  |
| **Process** | \_\_\_ Student did not get involved in design process \_\_\_ Did not use project time well and did not meet deadlines \_\_\_ Did not collaborate  | \_\_\_ Student tried out the design process \_\_\_ Used project time well sometimes and met some deadlines \_\_\_ Collaborated at times  | \_\_\_ Student used design process (stated problem, came up with ideas, chose solution, built and tested, presented results) \_\_\_ Used project time constructively, met deadlines \_\_\_ Collaborated | \_\_\_ Student made significant use of the design process \_\_\_ Used project time constructively, finished early or added additional elements \_\_\_ Found ways to collaborate beyond class structure  |