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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 |