**SCRATCH PROJECT RUBRIC**--Grasshopper boxes                     Name:   Class Period

| **Category** | ***1*** | ***2*** | ***3*** | ***4*** |
| --- | --- | --- | --- | --- |
| **Content area concepts** | \_\_\_ Does not meet criteria--a container to trap grasshoppers |  |  | \_\_\_ Meets criteria--a container to trap grasshoppers |
| **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 with program | \_\_\_ Project uses artwork of others with some effort to change\_\_\_ Has some sense of purpose and structure\_\_\_ Includes way for user to interact with program, may need to be clearer or fit program’s purpose better  | \_\_\_ Project uses original artwork or reuses imported images creatively \_\_\_ Has clear purpose, makes sense, has structure\_\_\_ Includes way for user to interact with program and  clear instructions  | \_\_\_ Project artwork and creativity significantly support the content\_\_\_ Has multiple layers or  complex design\_\_\_ User interface fits content well, is complex; instructions are well-written and integrated into design |
| **Programming** | \_\_\_ Project shows little understanding of blocks and how they work together\_\_\_ Lacks organization and logic\_\_\_ Has several bugs  | \_\_\_ Project shows some understanding of blocks and how they work together\_\_\_ Has some organization and logic\_\_\_ May have a couple bugs  | \_\_\_ Project shows understanding of blocks and how they work together to meet a goal\_\_\_ Is organized,  logical, and 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 | \_\_\_ Student tried out the design process \_\_\_ Used project time well sometimes and met some deadlines | \_\_\_ Student used design process (stated problem, came up with ideas, chose solution, built and tested, presented results) \_\_\_ Used project time constructively, met deadlines | \_\_\_ Student made significant use of the design process \_\_\_ Used project time constructively, finished early or added additional elements |