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| CATEGORY | **4** | **3** | **2** | **1** |
| **Structure** | Bridge spans a gap of 45+ centimeters is complete and stable. Excellent use of materials. | Bridge spans a gap of 40 centimeters, is complete and stable. Good use of materials. | Bridge spans a gap of 30 centimeters, but remains unstable or incomplete in some way. Limited use of materials. | Bridge does not span a gap of 20 centimetres. Did not maximize use of materials. |
| **Appearance** | Extremely aesthetic in design (shapes, patterns, colour, etc.) All constuction is clean and attractive. Visually appealing. | Overall, an attractive bridge (shapes, patterns, colour, etc.) Tidy work most of the time. Visually appealing. | Limited aesthetics (shapes, patterns, colour, etc.) Design and use of glue is messy at times. Some visual appeal. | Not aesthetically pleasing (shapes, patterns, colour, etc.) Work is sloppy throughout. Design is unattractive and/or plain. |
| **Weight Held** | Bridge did not fail or failed with a weight exceeding 3 kg. | Failed with a weight between 1.6 and 3 kg. | Failed with a weight between 600 grams and 1.5 kg. | Failed with less than 500 grams. |
| **Blueprint / Design** | Bridge blueprint matches the design of the finished product. If any changes were made during building, they were thoroughly explained upon reflection. | Bridge blueprint mostly matches the design of the finished product. If any changes were made during building, they were sufficiently explained upon reflection. | Bridge design somewhat matches the design of the blueprint. If any changes were made during building, they were explained a little upon reflection. | Bridge design does not match the design of the blueprint and changes were not explained. |
| **Use of Class Time** | Used time well during each class period. Focused on getting the project done. Never distracted others. | Used time well during each class period. Usually focused on getting the project done and never distracted others. | Used some of the time well during each class period. There was some focus on getting the project done but occasionally distracted others. | Did not use class time to focus on the project OR often distracted others. |
| **Creativity of Design** | The design used to build the bridge reflects an exceptional degree of student creativity in their creation and/or display. | The design used to build the bridge reflects some degree of student creativity in their creation and/or display. | The design of the bridge was made by the student, but is based on the designs or ideas of others. | The design of the bridge was not created by the student, it was taken from an external source. |