

Bridge Building Assignment

Name: _____ Type of Bridge: _____

	Level One	Level Two	Level Three	Level Four
Success Criteria <ul style="list-style-type: none"> - Bridge is completed on time. - Bridge is at least 30 cm - Cost of the bridge is complete. - Any extra materials were approved by the teacher 	No success criteria is met.	Some success criteria are met.	Most success criteria is met.	All success criteria are met.
Oral Component Science Vocabulary <ul style="list-style-type: none"> - Student can explain the forces acting on the bridge using science vocabulary. (ex. Compression, tension, load, internal, external) 	Student uses no science vocabulary when describing their bridge.	Student uses some science vocabulary when describing their bridge.	Student uses science vocabulary when describing their bridge.	Student successfully uses science vocabulary when describing their bridge.
Oral Component Why the Bridge Worked/Failed <ul style="list-style-type: none"> - Student can describe why their bridge successfully did or did not hold the weight. 	Student cannot explain why their bridge was/was not successful at supporting the load.	Student explains why their bridge was/was not successful at supporting the load with some success.	Student explains why their bridge was/was not successful at supporting the load.	Student successfully explains why their bridge was/was not successful at supporting the load.
Math Component <ul style="list-style-type: none"> - Student calculated the cost of all materials used in creating the bridge. 	No costs are successfully calculated.	Some costs are successfully calculated.	Most costs are successfully calculated.	All costs are successfully calculated.

Comments: