

Part A-15 minutes (40 points)-scored by teacher

1. Put proper heading on your notebook paper: First & Last Name, Date, Descriptive Title, Period #, & Page #.
2. Obtain Lego bags A & B that corresponds to your assigned class number. (For example, 19A & 19B). Assigned number can be found on sign-in sheet.
3. Check that the 10 Legos are identical in both bags (color & size).
4. Take out clean notebook paper and record the bag number being used.
5. Build an unique structure using all the Legos in the A bag.
6. **Write detailed procedures so another person can construct your structure using the Legos in the B bag.**
 - a. **Do not use diagrams.**
 - b. **Number each step. (see how these procedures are written).**
 - c. **Write clear and concise steps.**
 - d. **Be sure to include quantitative and qualitative observations in the procedures.**
 - e. **Finish within allotted time period.**
7. Fold the written procedures and put in the B bag.
8. Conceal the Bag A structure and use as the key at the end.

Part B-15 minutes (50 points)-scored by student

9. Exchange B bags with another student without revealing the original structure. Build the structure following the written procedures.
10. Compare the structure to the original one.
11. **Score the procedures: A, B, C, D, or F and write it at the bottom of the procedures.**
12. **Write 2 comments (advice, suggestions, or specific compliment) near the score.**
13. **Print your name as the scorer near the score.**
14. **Return procedures and B bag to original person.**

Part C-10 minutes (10 points)-scored by teacher

15. Disassemble the both structures and put them back into their original bags. **Check there are 10 identical Legos in each bag. Return the teacher.**
16. Turn in the graded procedures.