Set Up Sheet:

Materials Needed:
-Bright Yellow Sharpie
-Magenta Sharpie
-Lavender Sharpie
-6inch (diameter) styrofoam plate
-2; 30 centimeter long skewers
-2 blue rubber bands
-1 smaller red rubber band
-green post it note
-2 popsicle sticks (only 1 is used)
-1; 30cm long string (not used)
-1; 20cm long string
-1; 6 peg white Lego piece
-1; 4 peg, 3 holes in side, grey Lego piece
-2; 4 peg red lego piece
-2; flat 2peg by 4 peg yellow lego piece
-1; flat 16 peg by 4 peg black lego piece
-3; flat 1 by 6 peg red lego pieces
-1; flat 4 peg by 4 peg green lego piece
-1; flat 2 peg by 6 peg grey Lego piece
-1; flat 14 peg by 2 peg grey lego piece
Write It Do It!!!

Rubric:

Lego Structure:

A. _____ The 4×16 black lego piece should be horizontal so the 16 peg side is facing you Total -> ___/1

B. _____ The structure if split in half horizontally should be symmetrical Total -> ___/1

Right Side of Structure

A. 4 peg red lego pieces
   i. _____ One of the four pegged red lego pieces should be on the first row of the 4×16
      black lego piece and should be half (2 pegs) on it and half (2 pegs) off the 4×16 black
      lego piece.
   ii. _____ The other four pegged red lego pieces should be on the back row of 4×16 black
       lego piece and should be half (2 pegs) on it and half (2 pegs) off the 4×16 black lego
       piece
   iii. _____ Both pieces should be on the right side of the 4×16 black lego piece
       Total -> ___/3

B. Flat 2×4 yellow lego pieces
   i. _____ One of the 2×4 yellow lego pieces should be on top and connecting, vertically, the
      right half (2 right pegs) of the two 4 pegged red pieces.
   ii. _____ The other 2×4 yellow lego piece will be horizontally half way (2 pegs) hanging off
       the other 2×4 yellow lego piece.
       Total -> ___/2

C. _____ the flat 2×6 grey Lego piece should be vertically connecting the left half of the 2; 4
   peg red pieces, where the 2nd row of the 2×6 grey lego piece is connected to the front 4
   peg red lego piece and the 5th row of the 2×6 grey lego piece is connected to the back 4
   peg red lego piece
       Total -> ___/1

D. _____ The 6 peg white Lego piece should be connected to the right half (vertically) of the
   2×6 grey lego piece
       Total -> ___/1

E. _____ One of the flat 1×6 red lego piece should be perfectly aligned on top of the 6
    pegged white Lego Piece
       Total -> ___/1

Left Side of Structure:

A. _____ One of the flat 1×6 red lego piece is connected vertically on the 1st column (from
    left) in which the 2nd row on the 1×6 red lego piece is connected to the front row of the
    4×16 black lego piece and the 5th row of the 1×6 red lego piece is connected to the back
    row of the 4×16 black lego piece
       Total -> ___/1
B. _____ The right side of the 2×4 flat grey lego piece should be vertically connected to the
    red 1×6 lego piece in which the 5th - 10th row, 2nd column should be connected to the
    1×6 red lego piece
    Total -> ___/1

C. _____ The last flat 1×6 red lego piece should be connected vertically to rows 5-10 on the
    left side (1st column) of the 2×14 flat grey lego piece.
    Total -> ___/1

D. _____ The 4 peg grey lego piece with 3 holes on the side should be connected to rows
    2-5 on the flat 1×6 red lego piece.
    Total -> ___/1

E. _____ The green 4×4 flat lego piece should be ¼ (4th column) connected perfectly
    aligned on the 4 peg grey lego piece with 3 holes on the side and ¾ (columns 1-3)
    hanging off.
    Total -> ___/1

Styrofoam Plate:
A. _____ It should be faced down
    Total -> ___/1

B. _____ The Lego structure should be horizontally centered on the plate going from West to
    East
    Total -> ___/1

Skewers:
A. _____ One skewer should be in the middle of the plate directly behind the lego structure
    Total -> ___/1

B. _____ One skewer should be in the middle of the plate directly in front of the lego
    structure
    Total -> ___/1

C. _____ Both skewers should be standing upright fully stabbed in the plate
    Total -> ___/1

D. Rubberbands:
   i. _____ The skewers should be crossed about 5cm from the top of the skewers
   ii. _____ A blue rubber band should be wrapped 5 times connecting the two skewers
   iii. _____ A red rubber band should be wrapped 4 times connecting the two skewers on
           top of the previous blue rubber band
   iv. _____ The last blue rubber band should be wrapped 5 times connecting the two
           skewers on top of the previous red rubber band
    Total -> ___/4

E. Popsicle Sticks
   i. _____ There should be a popsicle stick on top of the highest blue rubber band in
       between the top of both skewers, ⅗ on the northwest of it and ⅕ on the southeast of the
       skewer intersection
   ii. _____ about 2cm from the northwest end of the popsicle stick there should be the 20cm
       of string hanging off the popsicle stick evenly
iii.____ on the southeast side of the popsicle stick there should be a post it note hanging from it where the top of the post it note is perfectly aligned with the top of the popsicle stick

Total -> ___/3

F. Post it Note:

i. ____ The words should be in the center of the post it note
ii.____ The word "SUB" should be written in lavender and capitalized
iii.____ The word "to" should be written in yellow and lowercase
iv.____ The word "KARANBE" should be written in magenta and capitalized

Total -> ___/4

Total: ___/31