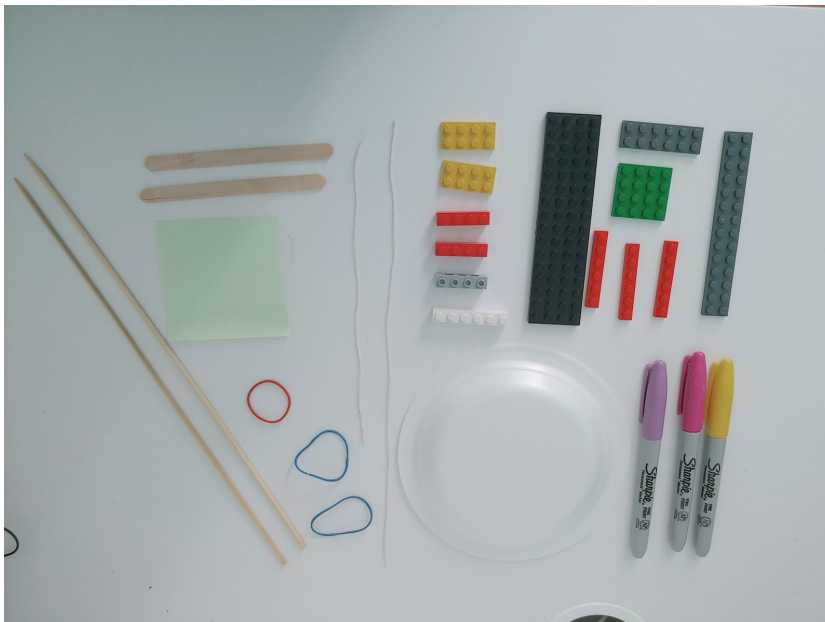


Set Up Sheet:

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 $\frac{1}{4}$ (4th column) connected perfectly aligned on the 4 peg grey lego piece with 3 holes on the side and $\frac{3}{4}$ (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, $\frac{2}{3}$ on the northwest of it and $\frac{1}{3}$ 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

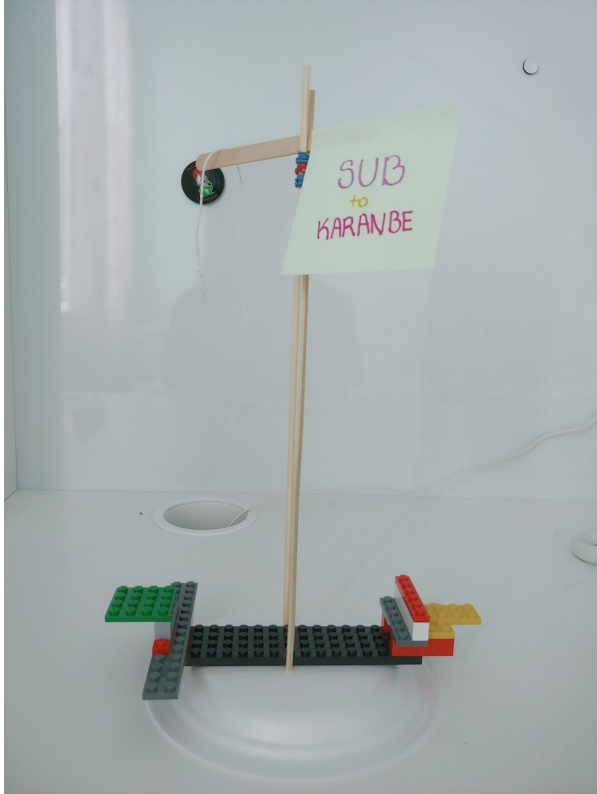
ii. ____ The word "SUB" should be written in lavender and capitalized

iii. ____ The word "to" should be written in yellow and lowercase

iv. ____ The word "KARANBE" should be written in magenta and capitalized

Total -> ____/4

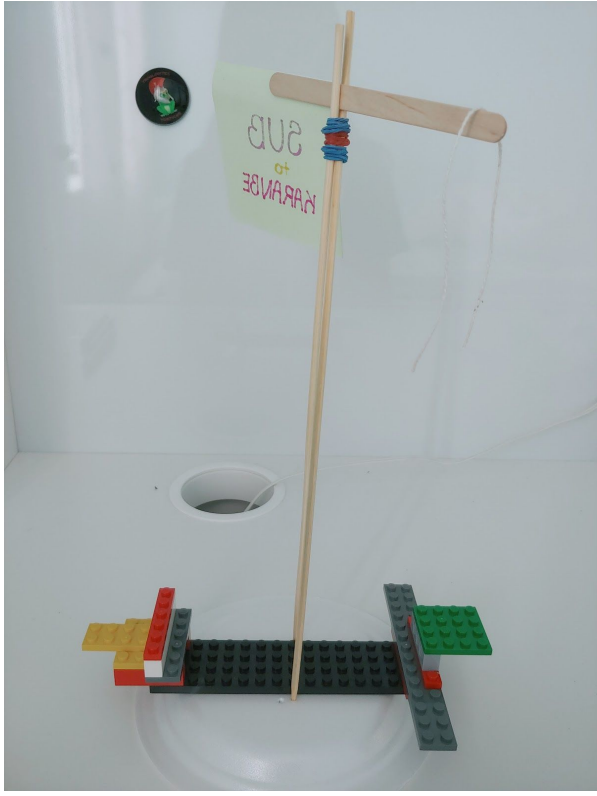
Total: ____/31



Front View`



Right Side View



Back View



Left Side View

Bird's eye view

