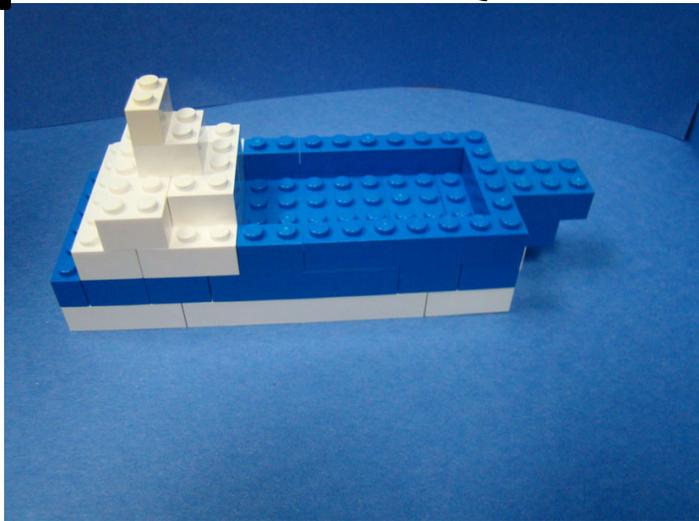


BRICK BY BRICK: LEGO® SHIPBUILDING

LEVEL: MEDIUM (USS *LST-342*)



A Note on Dimension:

The instructions included for this ship model represent a new educational initiative by the Hampton Roads Naval Museum in order to promote STEM principles under the lens of naval history. When properly assembled, each graph (or Step) represents a layer of bricks built to resemble a design of a specific ship used in American naval history. Colors represent each specific layer of the vessel, from the keel to the top masts. Please note that the sizes and shapes represented in these instructions are squared. However, they are not to scale with LEGO brick sizes. They merely show the graphical placement locations of brick layers. For more information or questions, please email Matthew Eng at matthew.t.eng@navy.mil.

BRICK SUPPLY LIST

BRICKS	BLUE	WHITE
1X2	2	1
1x3	2	0
1x6	3	0
2x2	2	3
2x3	3	10
2x4	1	3
2x6	5	2
2x8	0	2

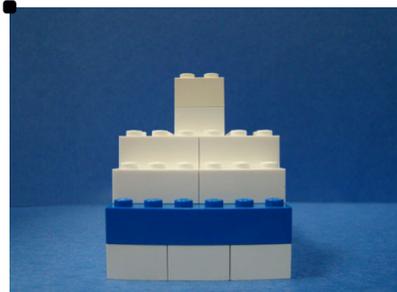
TOTALS **18** **21**

TOTAL BRICKS: **39**

TOP



SIDE



BACK

BLUE AND WHITE BRICKS ARE REQUIRED FOR THIS MODEL.

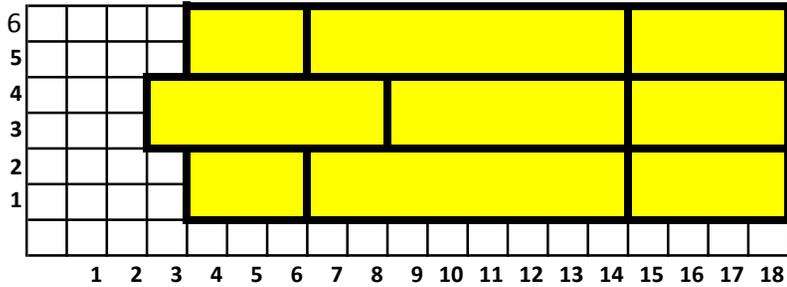
Ship Models included in this program are built with LEGO® bricks. LEGO® is a trademark of the LEGO Group of companies which does not sponsor, authorize, or endorse this site.

USS LST-342

Instructions: Follow each step and layer the color-coded bricks on your building grid. Subsequent steps are layered on top of previous layers.

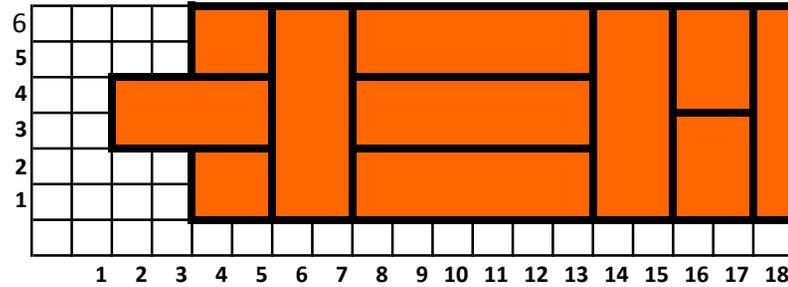
Step 1: Lay down the first layer (shown in Yellow)

WHITE BRICKS



Step 2: Lay down the second layer (Shown in Orange)

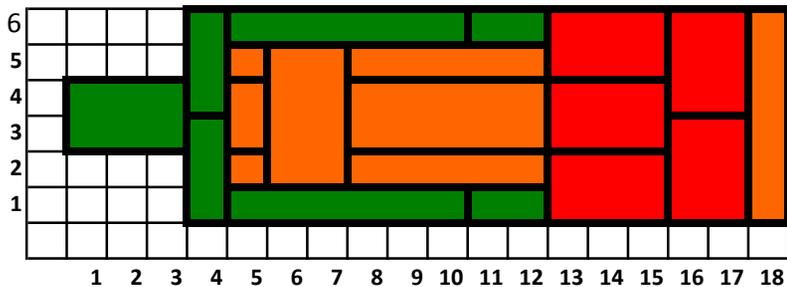
BLUE BRICKS



Step 3: Lay down the third layer (Blue Bricks shown in Green)

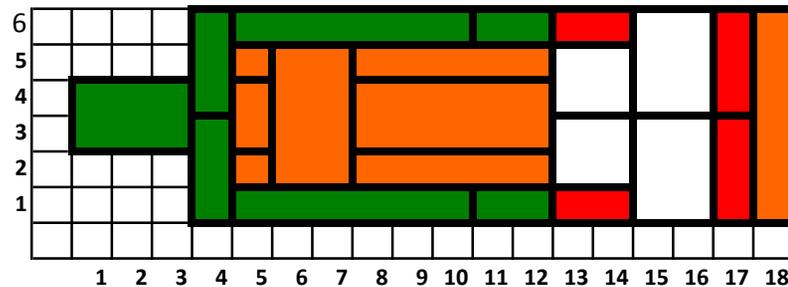
BLUE AND WHITE BRICKS

(White Bricks shown in Red)



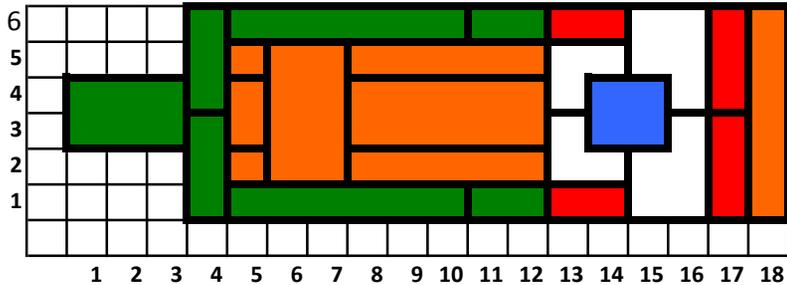
Step 4: Lay down the fourth layer (Shown in White)

WHITE BRICKS



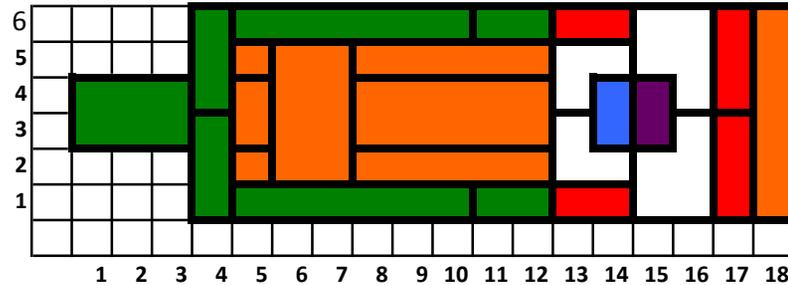
Step 5: Lay down the fifth layer (Shown in Blue)

WHITE BRICKS



Step 6: Lay down the top layer (Shown in Purple)

WHITE BRICKS

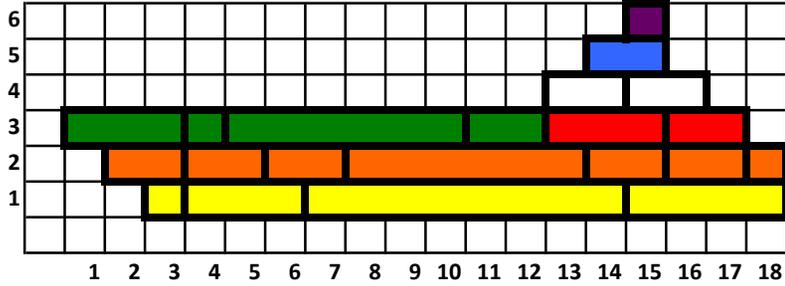


USS LST-342
Final Ship Dimensions

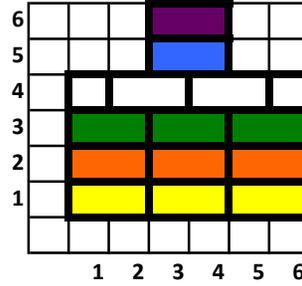
Note: Ship shown in building layers, not actual colors of bricks used.
Please see Final Design for completed design.



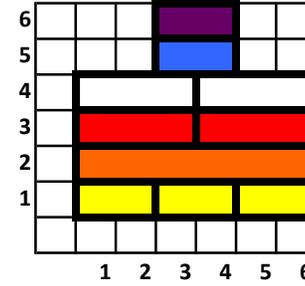
SIDE VIEW



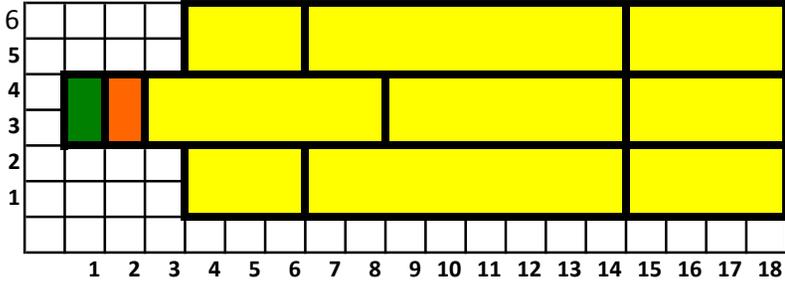
FRONT VIEW



BACK VIEW



BOTTOM VIEW



FINAL DESIGN

