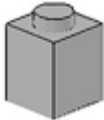

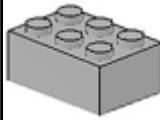

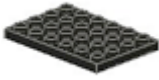
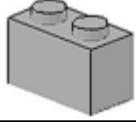
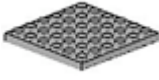


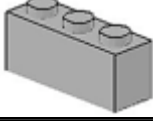

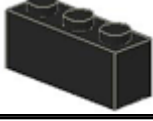
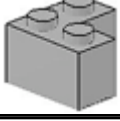
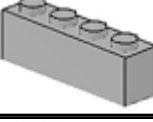
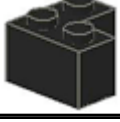
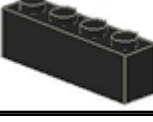

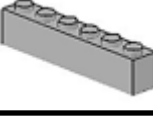

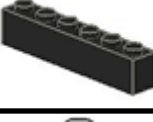
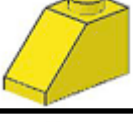
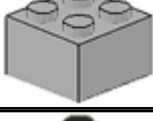
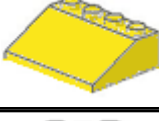
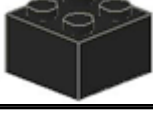



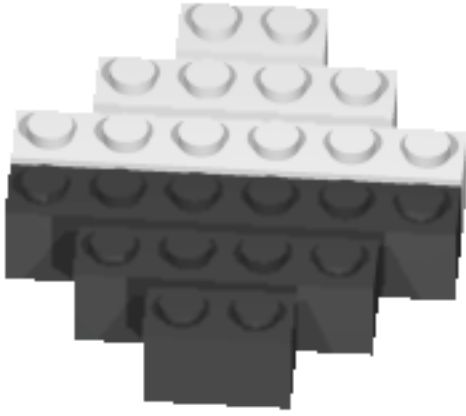
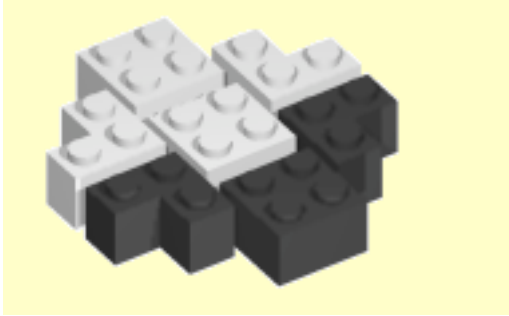


Piece	Description	Quantity	Piece	Description	Quantity	Piece	Description	Quantity
	1x1 white	6		2x6 plate black	2		2x3 white	2
	1x1 black	4		4x6 black plate	1			
	1x2 white	6		6x6 plate white	1			
	1x2 black	6		antenna black	4			
	1x3 white	3		arm black	2			
	1x3 black	4		corner white	4			
	1x4 white	12		corner black	4			
	1x4 black	14		6x6 radar dish	1			
	1x6 white	12		4x4 radar dish	1			
	1x6 black	6		3x4 slope yellow	1			
	2x2 white	7		1x2 slope yellow	2			
	2x2 black	2		4x4 cylinder	1			
	2x6 plate white	1		2x2 stud	2			

1. Start by building the **Telescope Section**. Make a single layer of black and white blocks as shown.



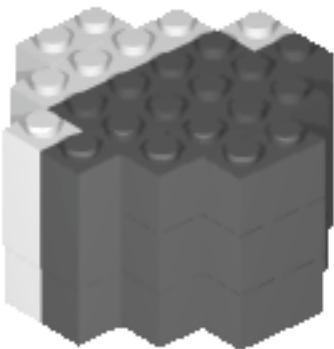
2. Add a second layer as shown, matching white and black sections.



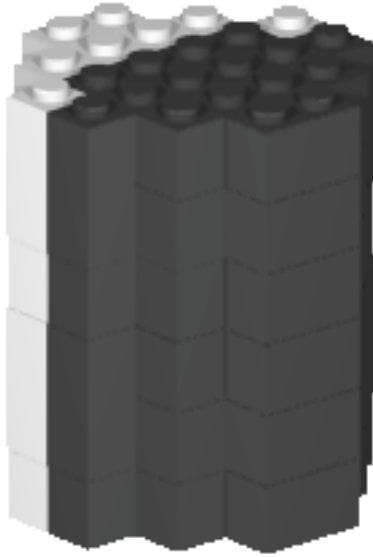
3. Add a third layer on top of the first and second layers.



4. This gives a solid piece, three bricks high.



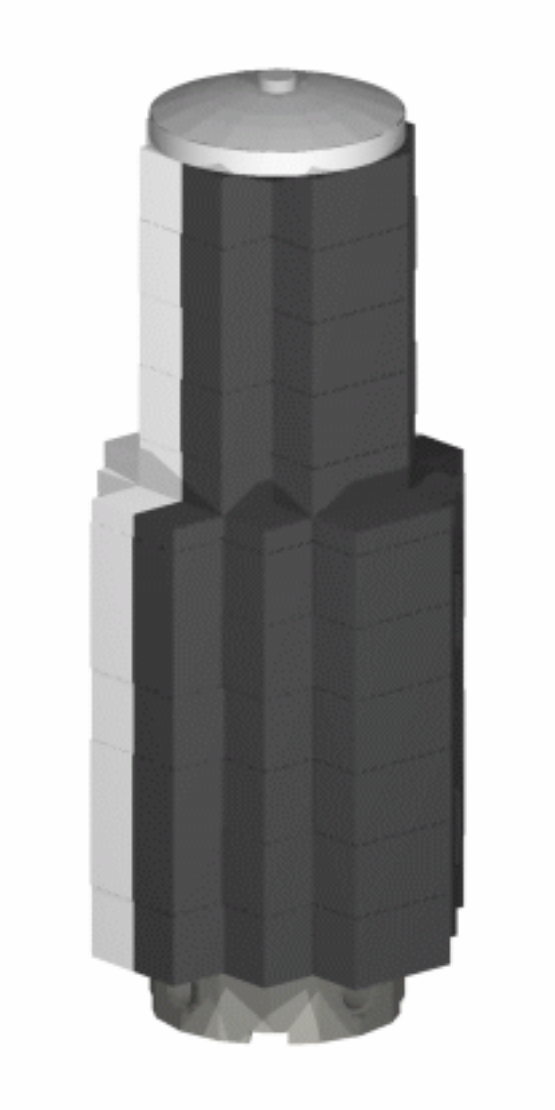
5. Repeat steps 1-3 and combine the two sections to produce a piece six bricks high.



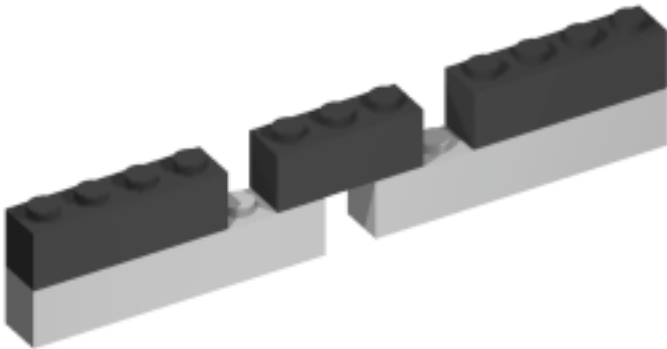
6. Make a small stack 5 bricks high alternating between these two kinds of layers. Be sure to keep all the black and white brick on the same side of the stack.



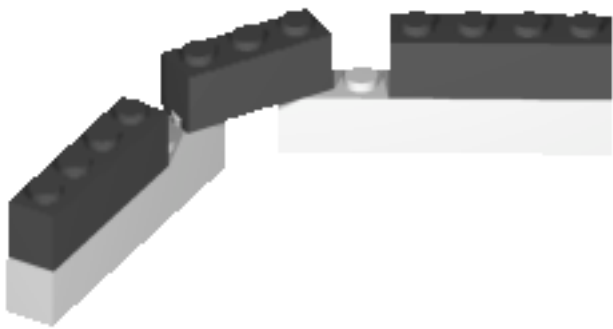
7. Combine the two stacks and add a dish to the top and a round piece on the bottom, so it looks like this. This completes the **Telescope Section**, so set this piece aside.



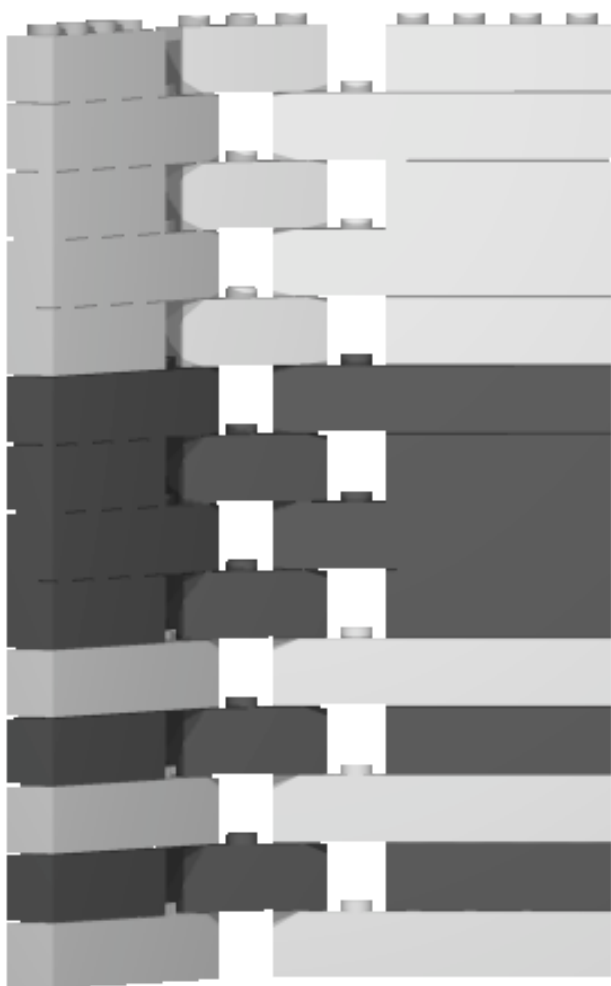
8. Build the **Solar Shield**. Start by making the first two rows of the solar shield like this.



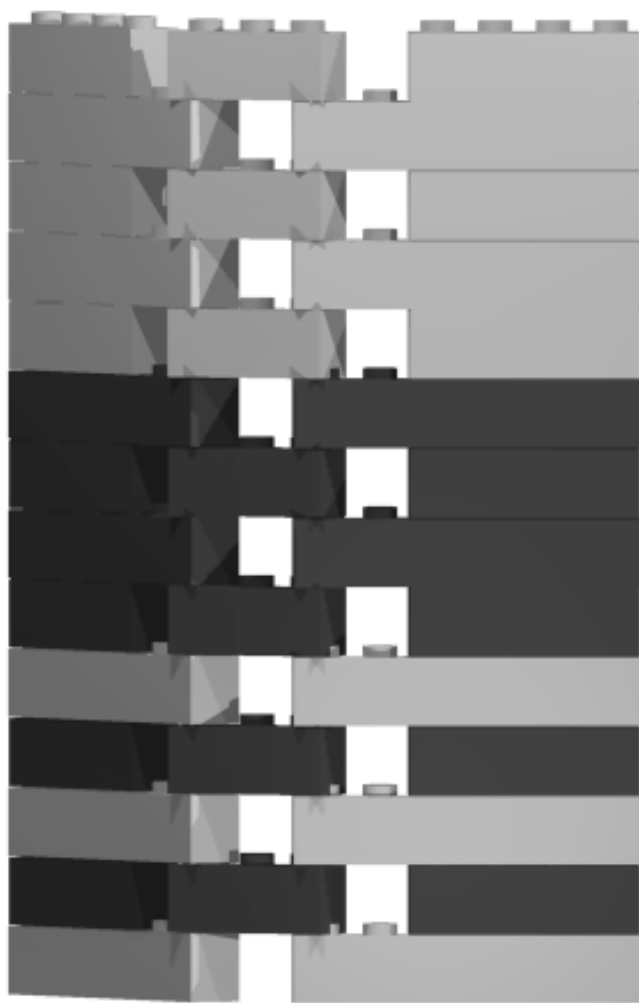
9. Use the center piece as a hinge and bend slightly to make a curve.



10. Repeat this formula until you have 14 layers of bricks for the solar panel. The **Solar Shield** is now complete set this piece aside.

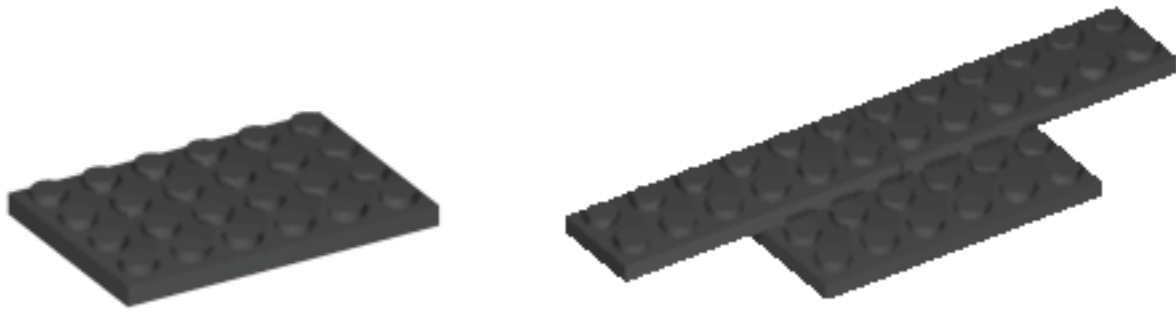


Front

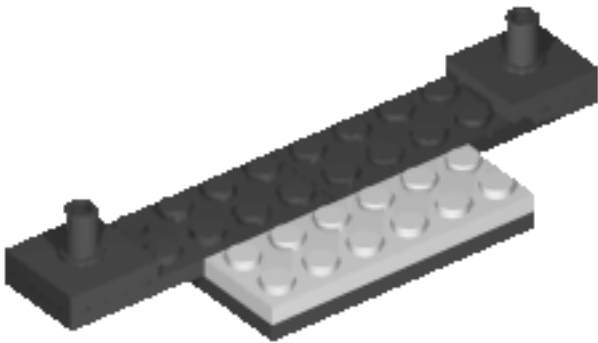


Rear

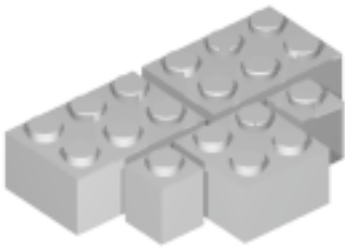
11. Assemble the **Spacecraft Base**. Take the 4x6 flat piece, and two 2x6 back pieces and attach as shown.



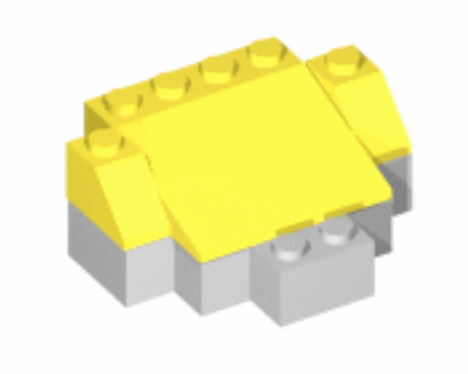
12. Add the two studs and the white 2x6 piece. Set the **Spacecraft Base** aside.



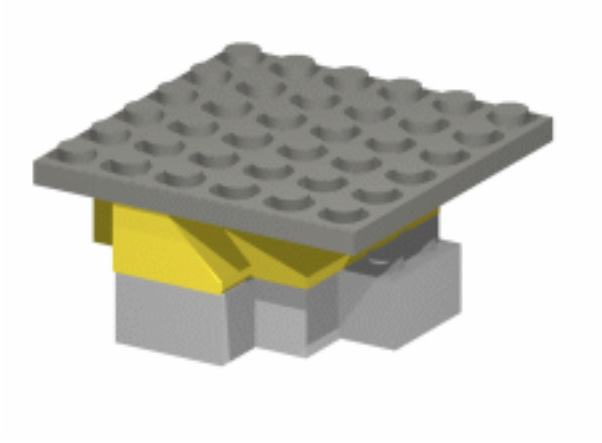
13. Assemble the **Spacecraft Electronics**. Start with two 2x3, one 2x2 and two 1x1 pieces, all white, as shown.



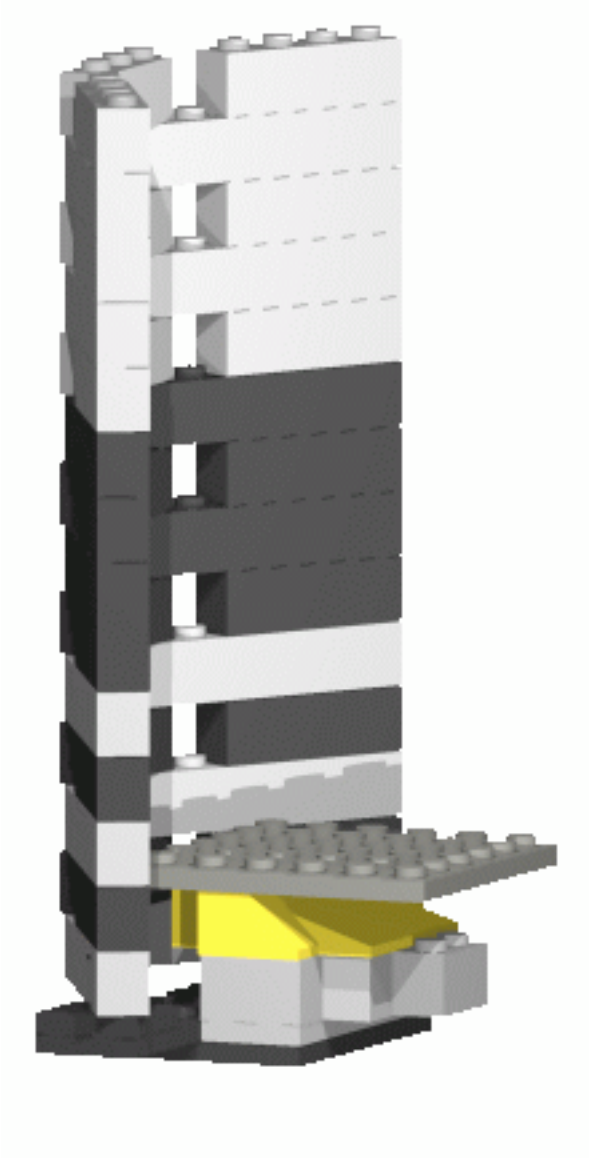
14. Add the three yellow wedges to the top.



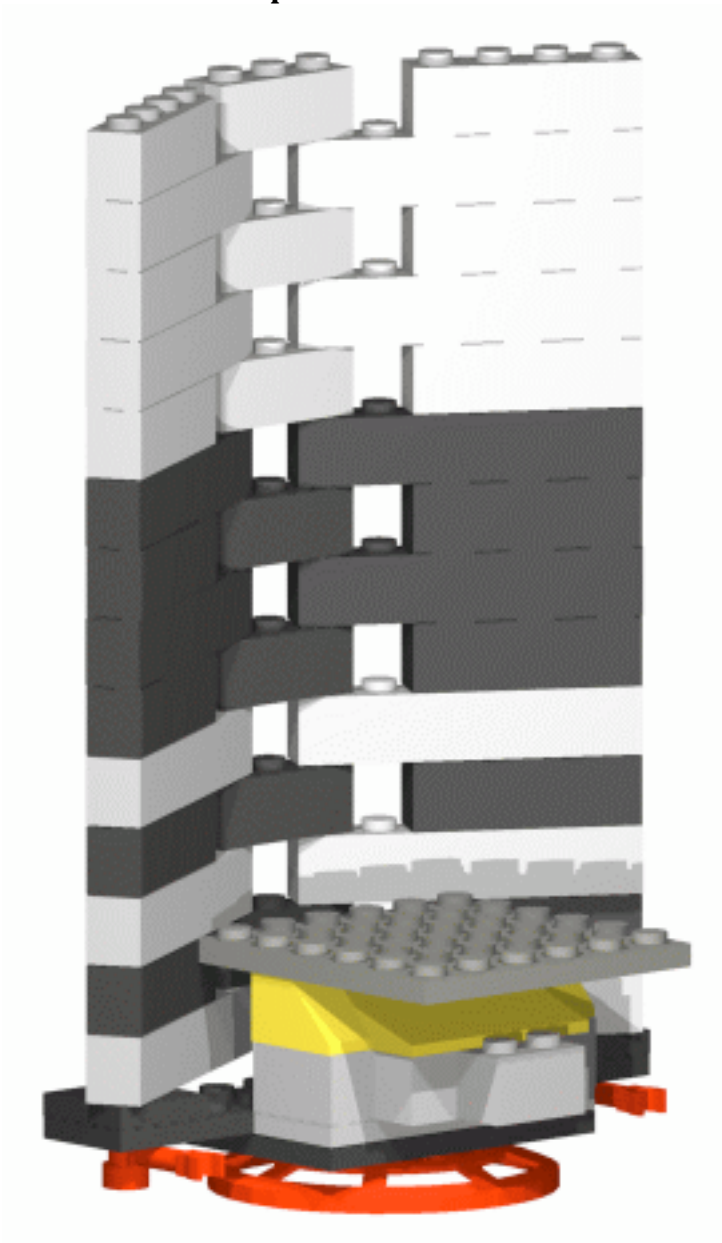
15. Add the 6x6 flat piece, centered on top.



16. Marry the **Solar Shield**, **Spacecraft Base** and the **Spacecraft Electronics** sections. The studs on the **Spacecraft Base** will fit into the outer holes at the bottom of the **Solar Shield**. Bend the **Solar Shield** to fit the studs. Now fix the **Spacecraft Electronics** onto the **Spacecraft Base** as shown. It will be a tight fit, and the **Solar Shield** will bend outwards slightly, but it will fit.

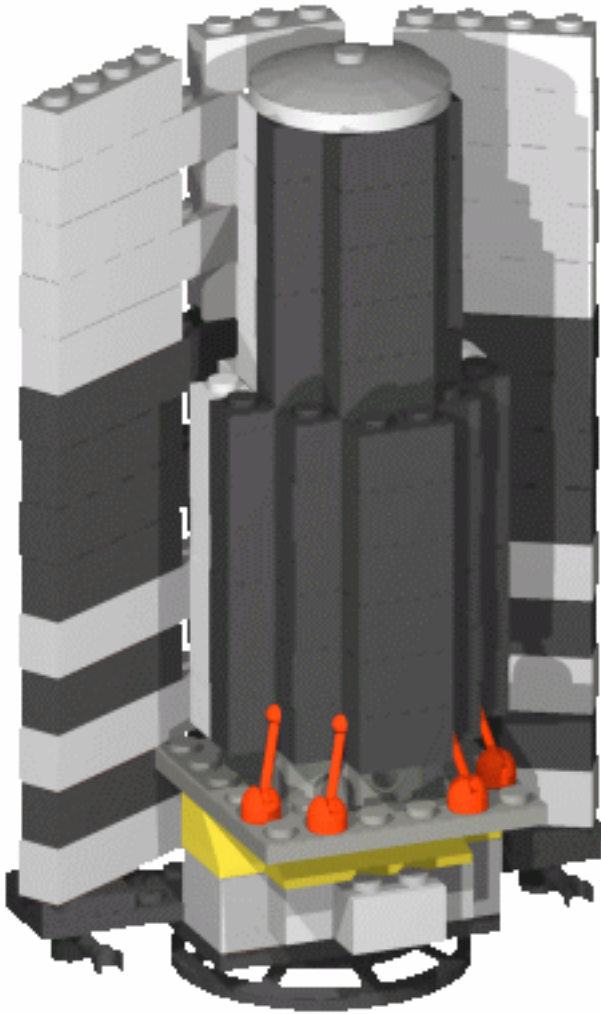


17. Add the radar dish and the two arms. The arms fit into the hole at the bottom of the 2x6 pieces under the studs from the **Spacecraft Base**.





18. Now take the **Telescope Section**, and attach it to the center of the 6x6 flat square piece on top of the **Spacecraft Electronics**. Attach the four antennas to look like struts. Bend the antennae towards the **Telescope Section** so they touch.



Congratulations you have completed the Spitzer Space Telescope Lego Model.

