

Model Catapult Assembly Directions

Parts Needed:

- 1 Arm
- 1 Axis
- 1 Basket
- 1 BasketAttachingPin
- 1 Crossbar
- 1 Rubber Band (not printed)
- 1 RubberBandHolderA
- 1 RubberBandHolderB
- 2 Side Panels
- 1 Small Marble (not printed)
- 2 Spacers
- 3 SupportAs
- 1 SupportB

Instructions:

1. Hold Side Panels about 3 inches away from each other so that the 2 small feet are on a table and the piece sticking out with the groove is pointing up.
2. Attach your 3 SupportA parts into the 3 vertical slots on each of the side panels so that the cut-out is facing up and the hole is on the lower half.
3. At the same time, attach the SupportB part into the horizontal slot on the lower half of the side panels so that its tongue is on the divots of 2 of the SupportA parts.
4. Make sure all these parts are attached together firmly. Use glue if needed.
5. Put the Axis through the holes in the Side Panels. It should be able to spin freely. If this is not the case, use sandpaper to open the holes more.
6. Slide the Axis out of one Side Panel. Slide the Arm onto the Axis using the second hole from the side with the widened end. The Arm should fit snugly, and when set down should rest on the side of the catapult where 2 SupportA pieces and 1 SupportB piece connect, ready to be loaded.
7. Connect a Spacer onto each end of the Axis. They should fit snugly and prevent the Axis from falling off of the assembly. Again, use glue if needed.
8. Connect RubberBandHolderA through the hole on the Arm closest to the hole through which the Axis is connected. It should fit snugly and stick out of each end of the Arm.
9. Connect RubberBandHolderB through the holes on the 2 SupportA pieces connected to the SupportB piece. It should stick out of the back of the assembly just under 1/2 of an inch.
10. Slide the Crossbar into the slots on the top of the catapult. It should fit snugly and prevent the Arm from falling completely forward.
11. Attach the Basket to the Arm with the BasketAttachingPin.
12. The catapult is assembled. Attach a rubber band onto the end of RubberBandHolderB sticking out of the back of the catapult, and run it under the assembly. Run it under and back over each side of RubberBandHolderA, finally connecting it to one of the tongues on the Arm. See the uploaded photos for more information.