



1



1. Line up 12 sticks in a square shape

2



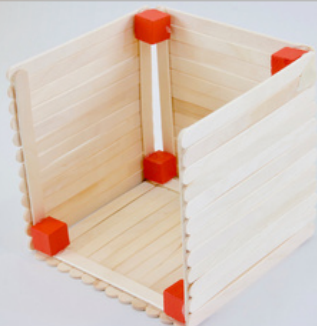
2. Glue on 2 sticks to make one side of the wall

3



3. Create a total of 6 sides for the box

4



4. Use cubes to attach 4 of the walls together

5



5. Create a hinge with 4 cubes with holes and a dowel. Glue 2 regular cubes onto the innermost hole cubes

6



6. Shorten one of the walls with wire cutters. Pinch the gap between the sticks, then break it off

7



7. Glue the shortened piece from the last step onto the hinge. Make sure to glue to the regular cubes

8



8. To create hydraulics: Start by filling a syringe with water and attaching 8" of tubing

9



9. Push water through the tubing to remove all the air



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10. Refill to 10ml

11



11. Attach another empty syringe. Glue on a cube with holes, or attach a syringe adapter

12



12. Glue a cube with holes to the bottom of the box near the opening, and tie the syringe nozzle to it with a cable tie

13



13. Glue a stick about 1" from the front edge of the lid, then tie the other end of the syringe to it with a cable tie

14



14. Attach the final wall piece to the back of the box. The tubing should go through a gap

15



15. Glue on additional sticks to cover the gaps