

The Legend of Riverfield

Watermill

Please read the instructions before starting construction.

When opening the kit you will notice the smell of burned wood. This is because the parts are laser-cut, which literally means a very tight light beam burns through the material. You may also notice some soot at the cut edges. The amount of soot depends on the material used. You can considerably reduce it by gently wiping at least the bigger and easy to reach edges with a soft cloth or household tissue.

PVA or equivalent glue will be required to glue parts together. Give glue enough time to dry. Wipe away any excess glue immediately using a fine cloth or the tip of a toothpick. A sharp hobby knife is needed to remove parts from the sheet. Be careful and always cut away from your body. Fine sand paper may be useful to clean these areas or any tight fitting joints. Clamps, pegs and elastic bands may help during the construction of the kit. Make sure that the parts are aligned correctly before applying any of these tools.

General pre-assembly preparations

You will achieve the best results in finishing this kit when you follow the steps listed below. Always double check with the provided pictures before gluing parts together and moving on to the next step.

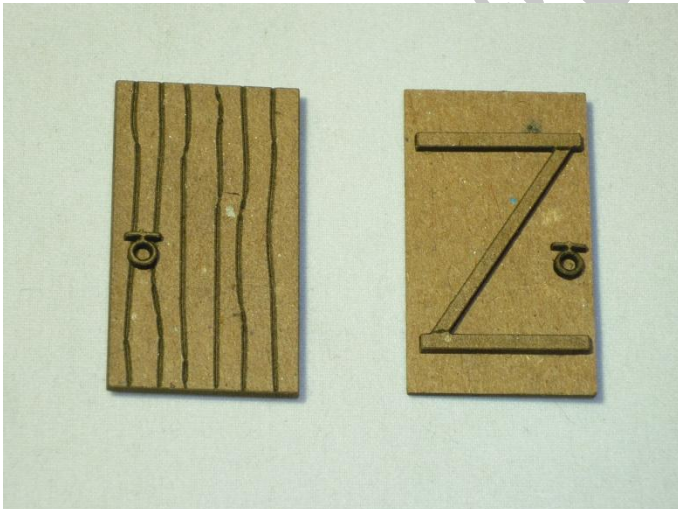
Please keep in mind that - in general - engraved sides of parts are considered "outside"; not engraved sides are "inside" or positioned less visible once the kit is finished.

Assembly of doors and shutters:

Glue supporting bracket on inside (i.e. **not** engraved side) of door or shutter (only if applicable).

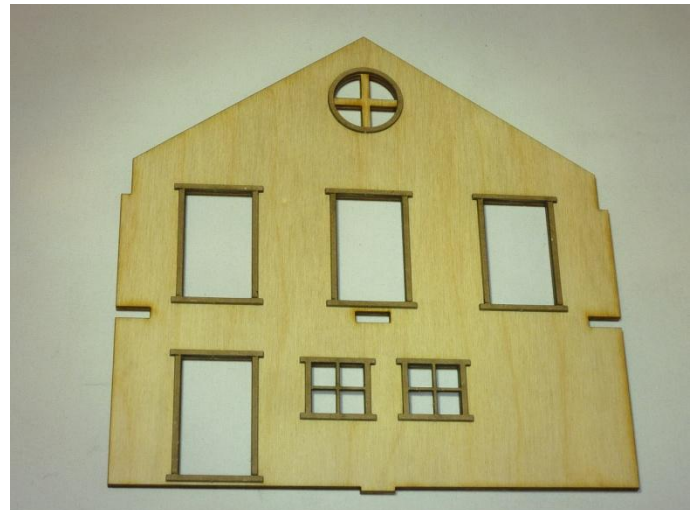
Glue handles on inside **and** outside of door (only if applicable).

Glue window frame on inside **and** outside of door (only if applicable).



Preparation of walls:

Glue door and window frames on inside (i.e. **not** engraved side) of walls where openings are. Frames match the size of the opening and will fit right around it.

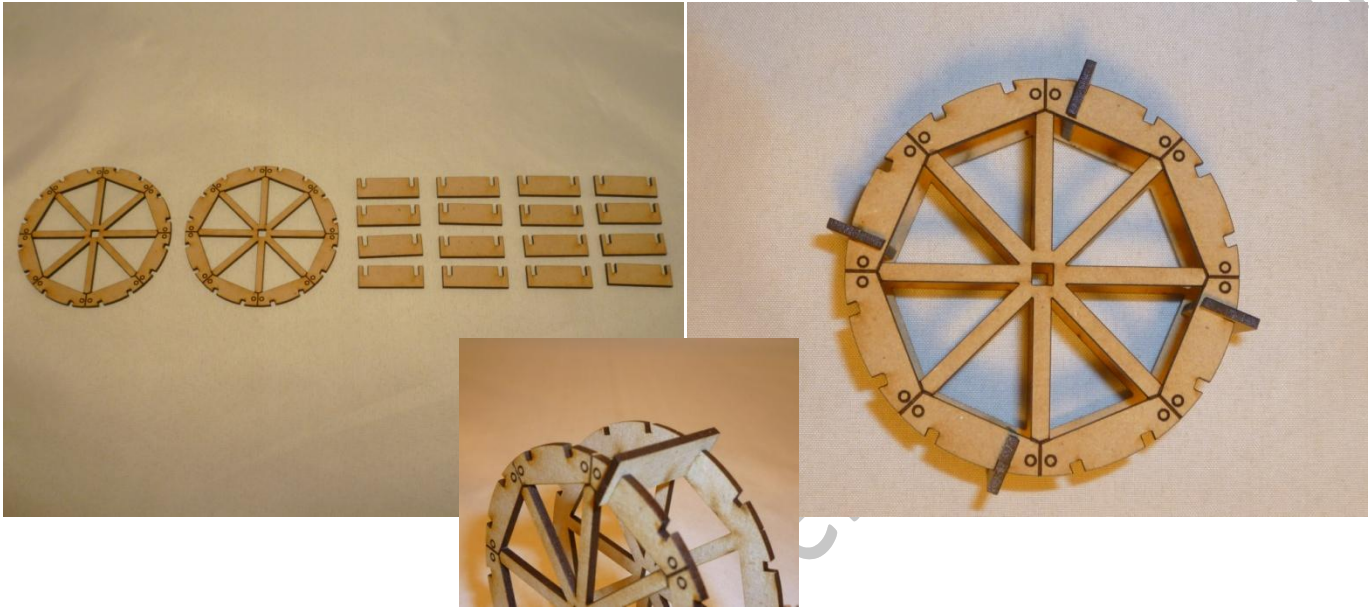


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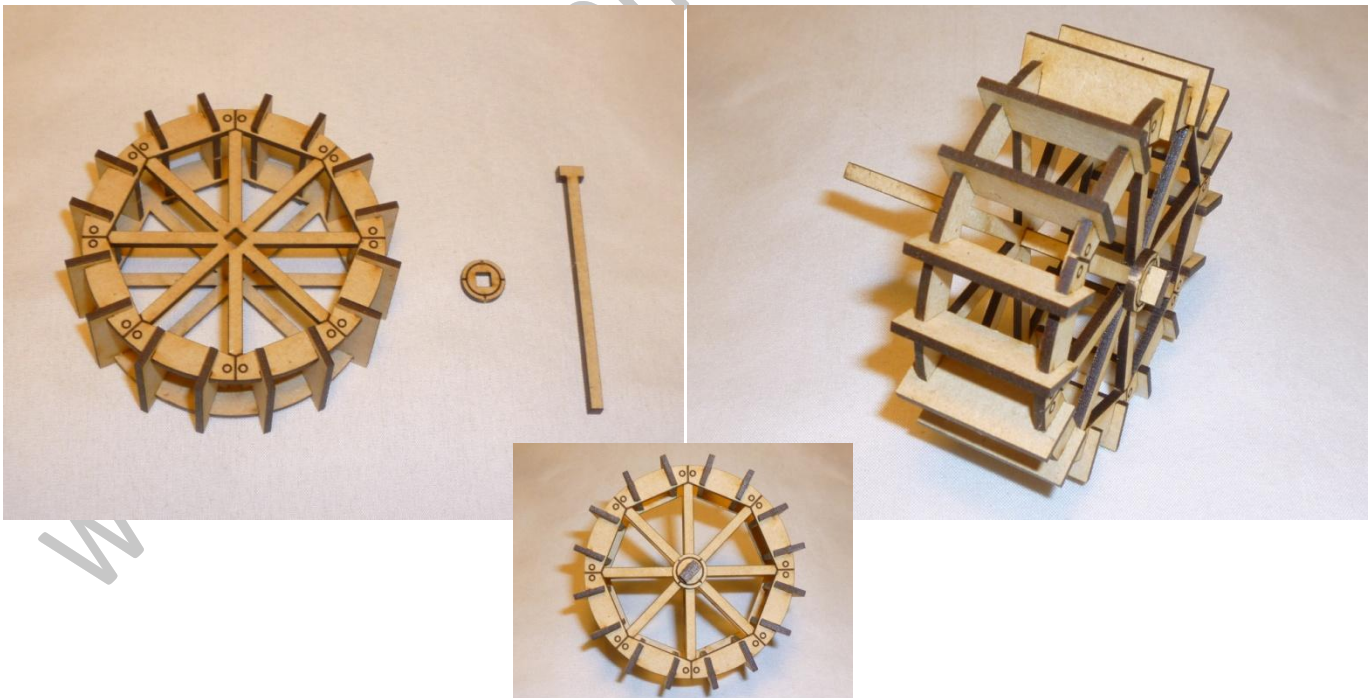
Assembly

Millwheel:

Start gluing the paddles of the wheel in place. Push the paddles all the way in as shown. Make sure that the centers of the wheels are aligned the same way so that you can add the axle later!



Add the end cap on one side of the completed millwheel and glue the axle in place.



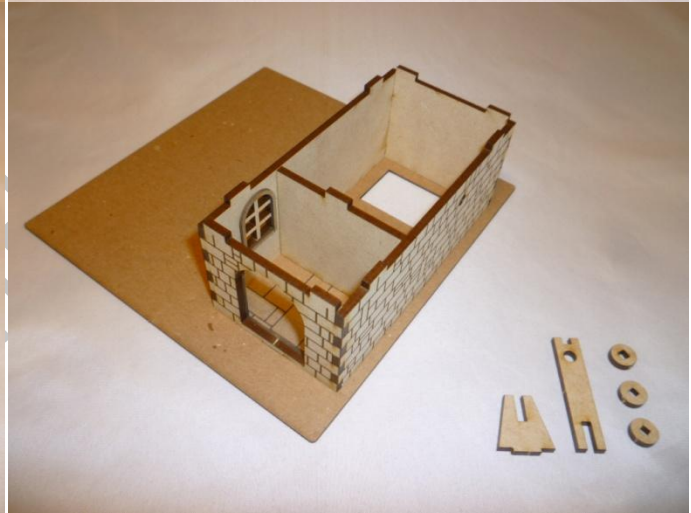
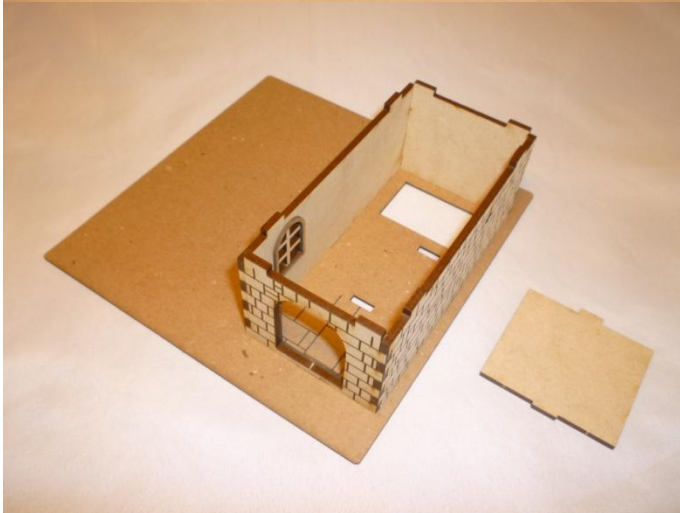
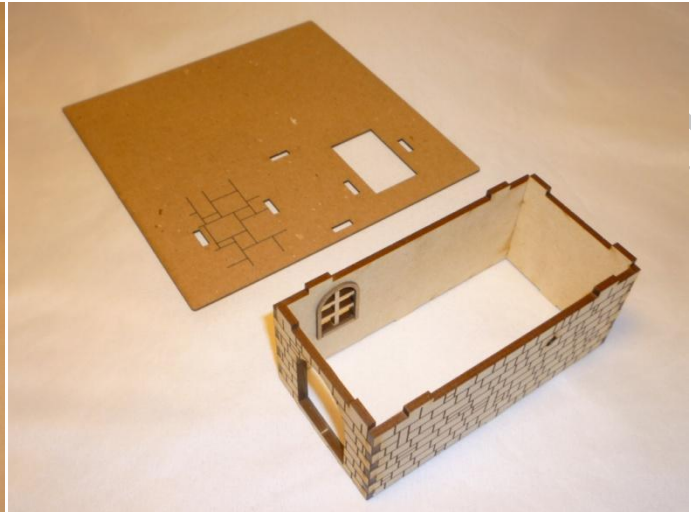
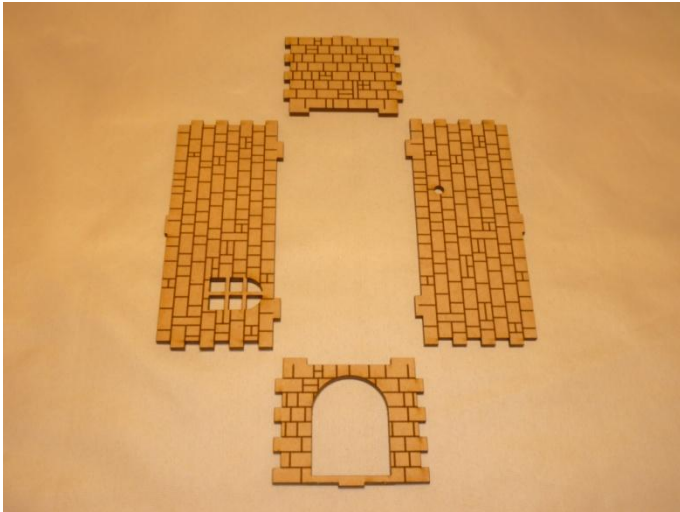
Set aside and let dry.



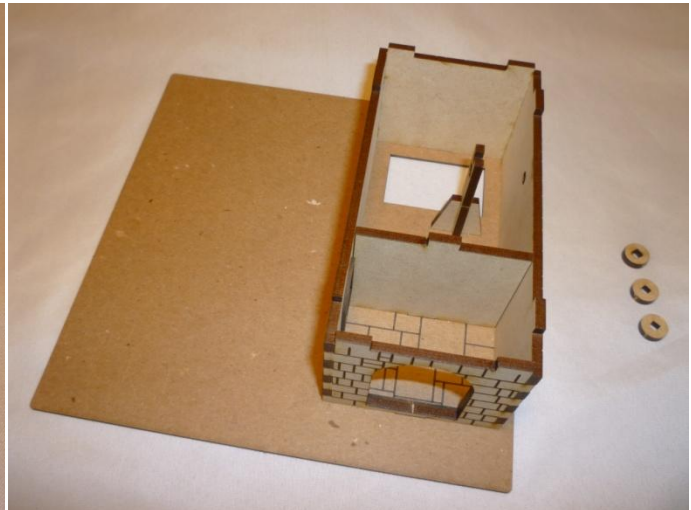
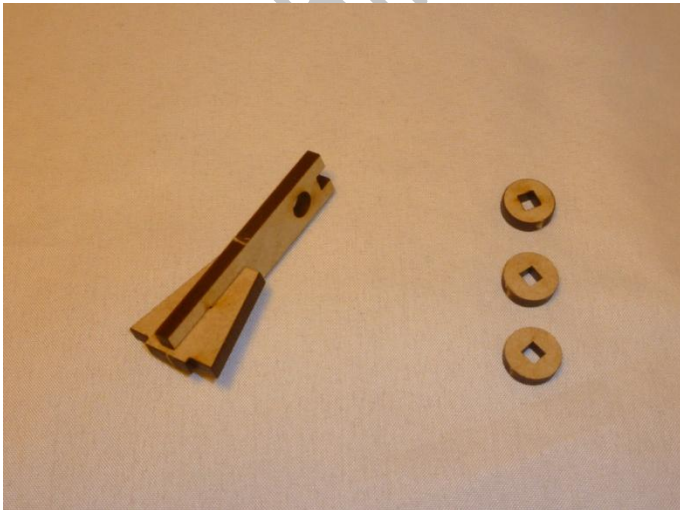
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First floor:

Glue the four walls together as shown. Make sure to retain right angles. Then glue on base and add interior wall.



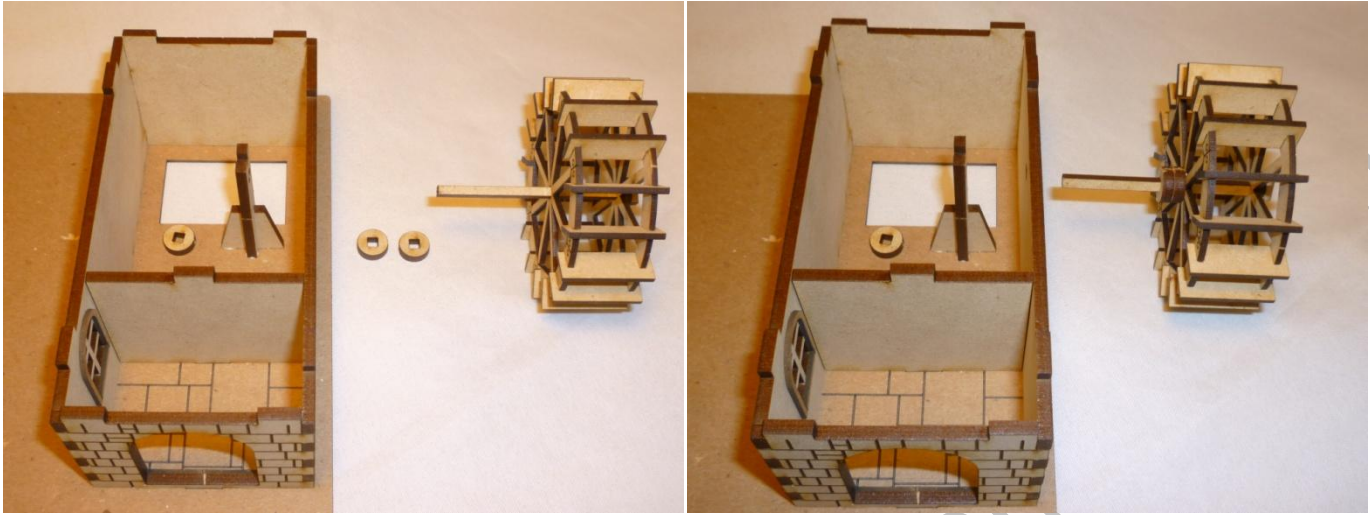
Glue the millwheel support together as shown and glue on base.



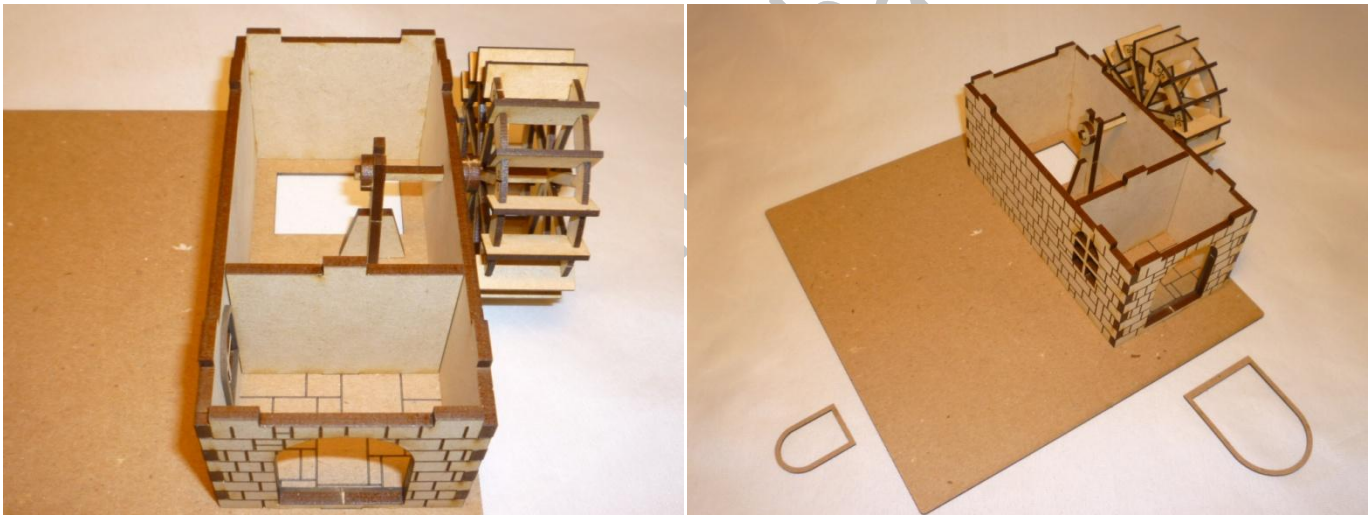


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Glue **TWO** distance rings on the axle pushing them all the way up to the millwheel.



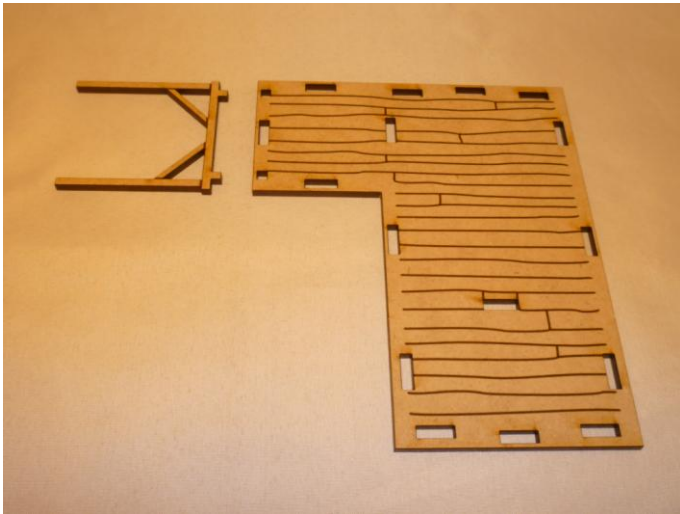
Push axle through the opening in the wall and the millwheel support. Do **NOT** use glue if you want to have a movable millwheel! Glue end piece in place. Add window and door frame on the outside.





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Glue second floor support beams in place as shown. Then glue onto first floor.



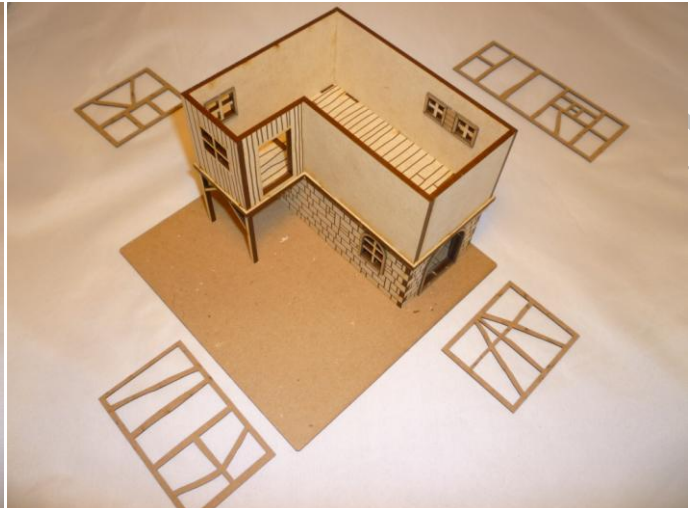
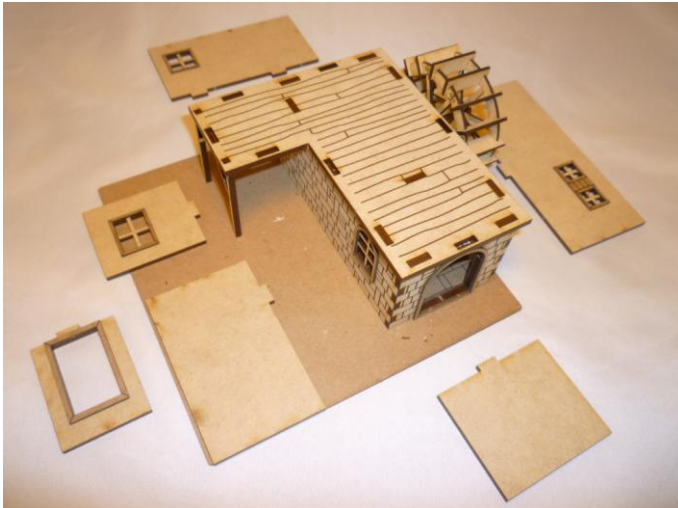
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Second floor:

Glue walls in place as shown. Then add framework. Finish with adding the door frame and two window frames.

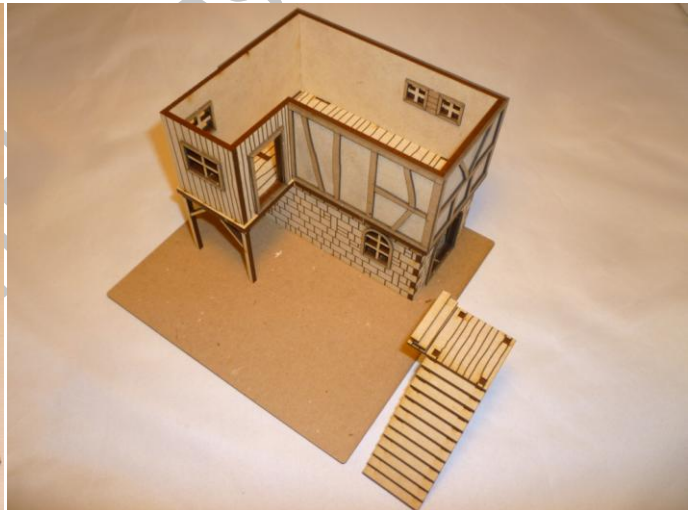
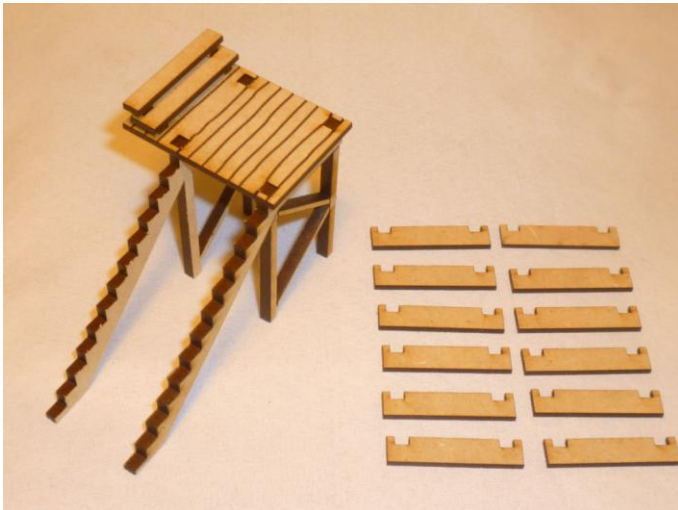
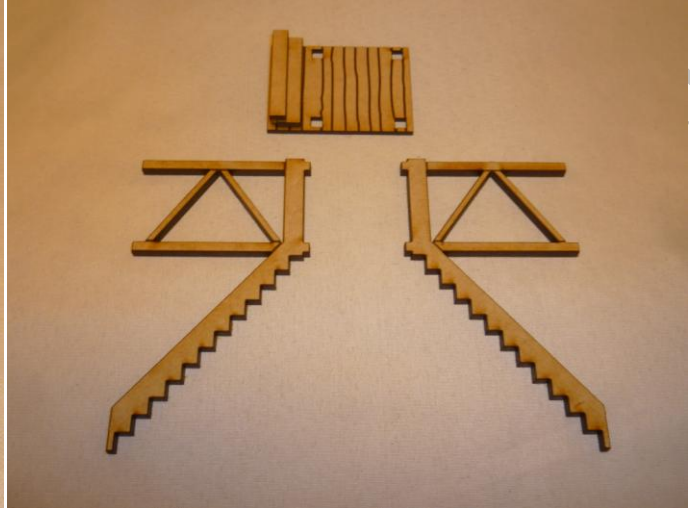
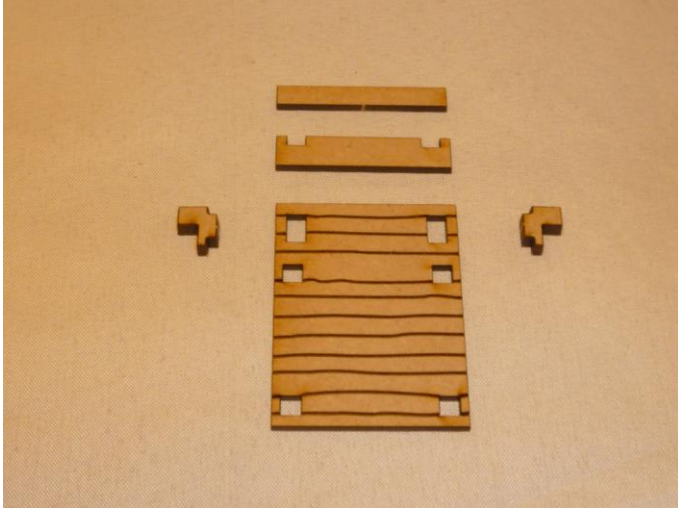




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Stairs:

Glue the two supports on the platform and add the two treads as shown. Glue the platform on top of the main frame of the stairs at a 90° angle. Then glue in the treads starting at the bottom of the stairs. Now glue the stairs in place.

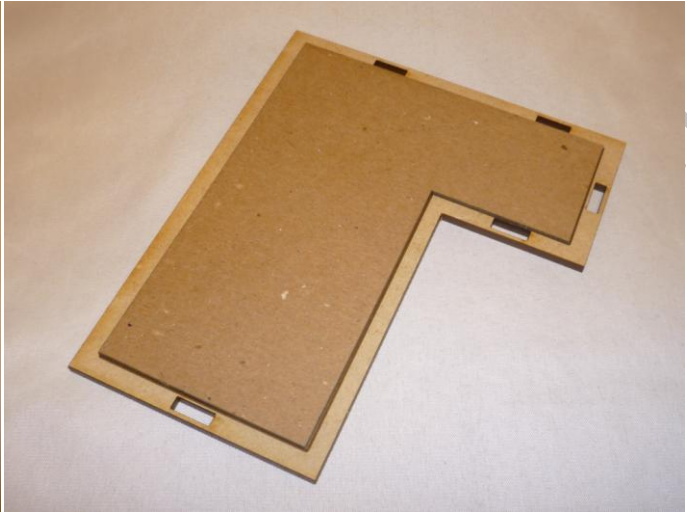
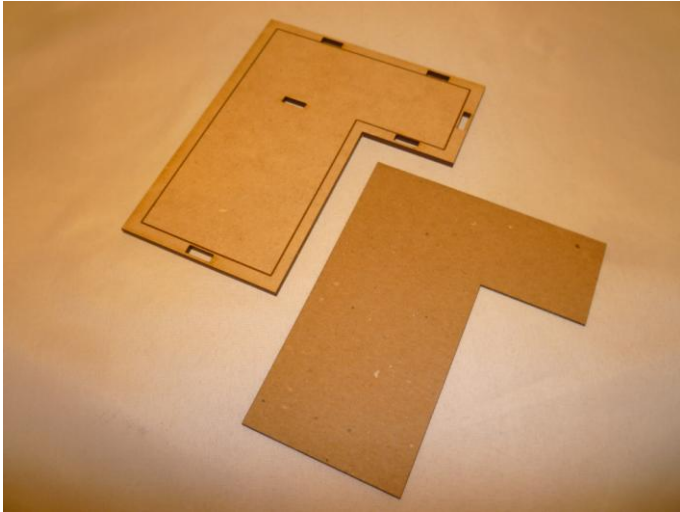




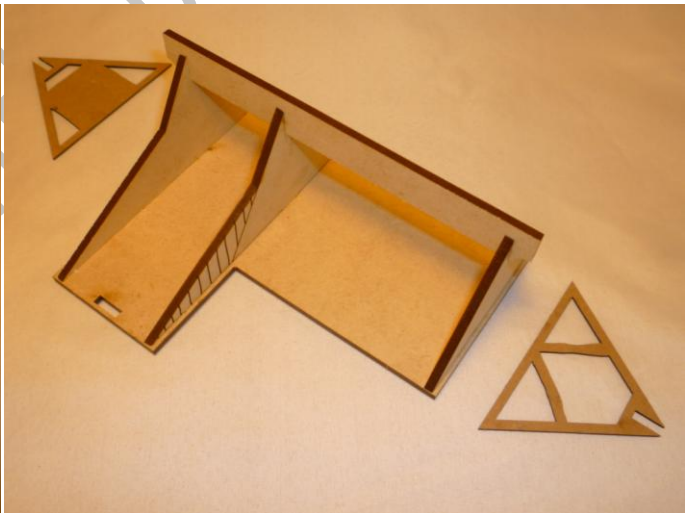
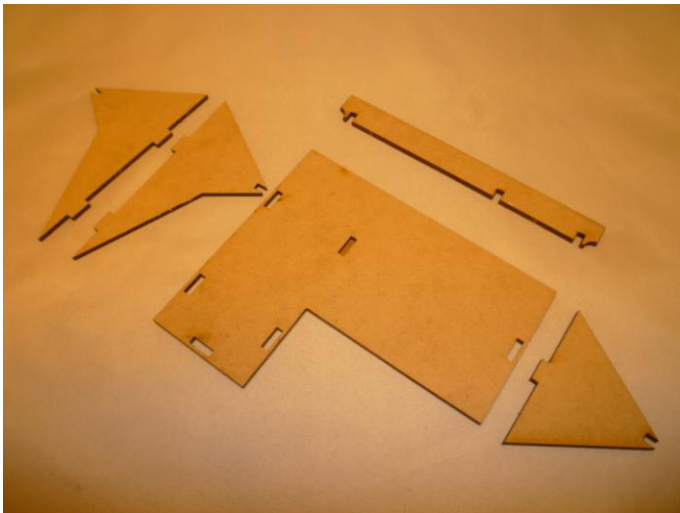
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Roof:

Glue the support on the underside of the roof floor. Use the engraving for alignment.

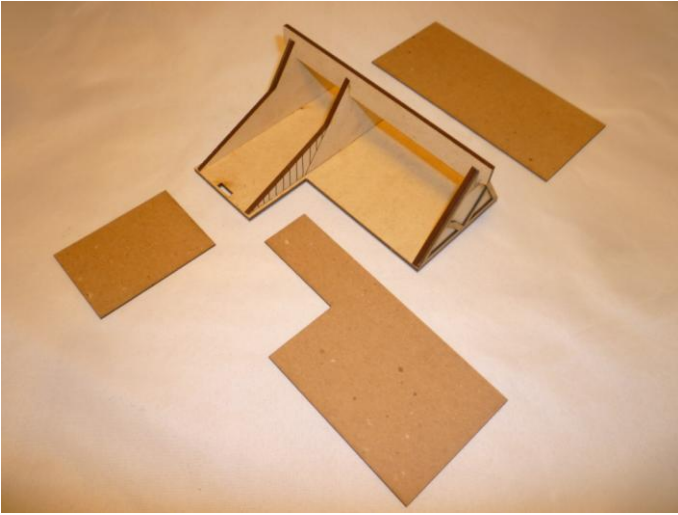


Glue the three gable walls in place as shown. Then add roof ridge. Make sure to retain right angles. Add the framework.



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Add the three roof parts aligning on the roof ridge.



Final stuff:

Add prepared doors and details as desired.

For an even more detailed look you may want to add roof tiles. Different styles are available and sold separately at www.thingsfromthebasement.com.

If you ever experience problems or difficulties in finishing this kit don't become desperate! Just send me an email at thingsfromthebasement@gmail.com and I will help you get it done. Having designed the kit and then providing an instruction for everyone to understand is probably the hardest part of the whole project. I am ready for every kind of feedback to improve kit and instructions. I just need to know!

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Photos of finished kit:



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