Gingerbread House 10267 Lighting Kit

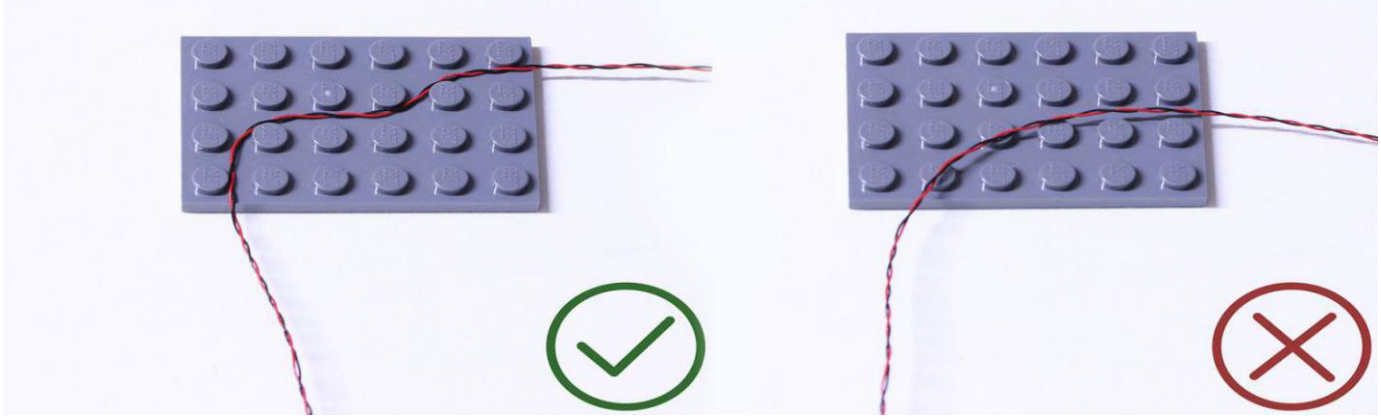
Package contents:

- 10 x 15cm Warm White Dot Lights
- 4 x 30cm Flashing Red Dot Lights
- 4 x 30cm Flashing White Dot Lights
- 1 x 15cm Warm White Light
- 1 x Warm White Strip Light
- 2 x 5cm Connecting Cables
- 4 x 15cm Connecting Cables
- 4 x 6-port Expansion Boards
- 1 x 12-port Expansion Board
- 1 x Multi Colour Light String
- 1 x Flicker Effects Board
- 1 x USB Cable

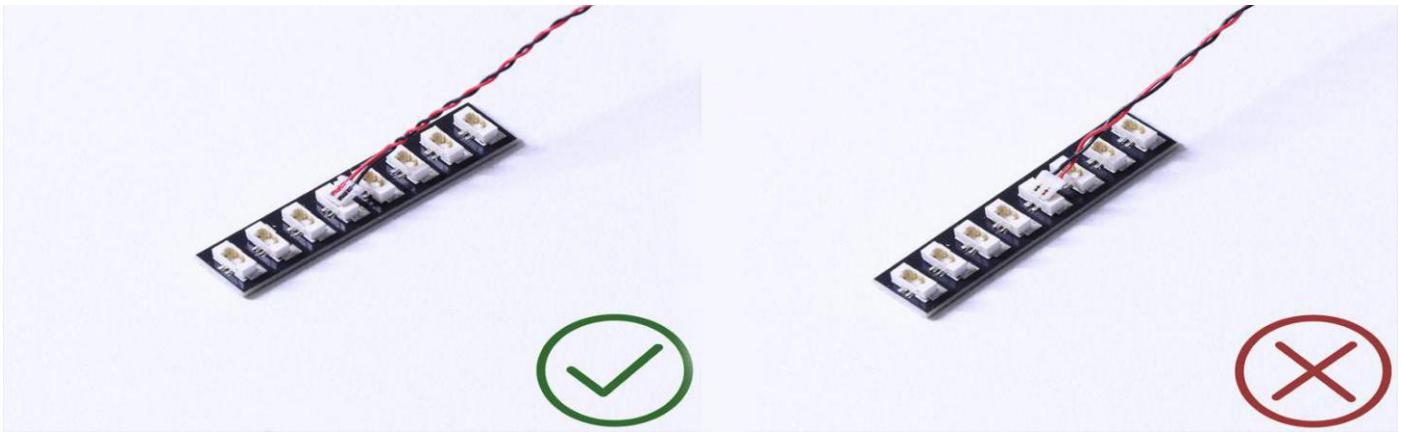
Extra LEGO pieces

Note:

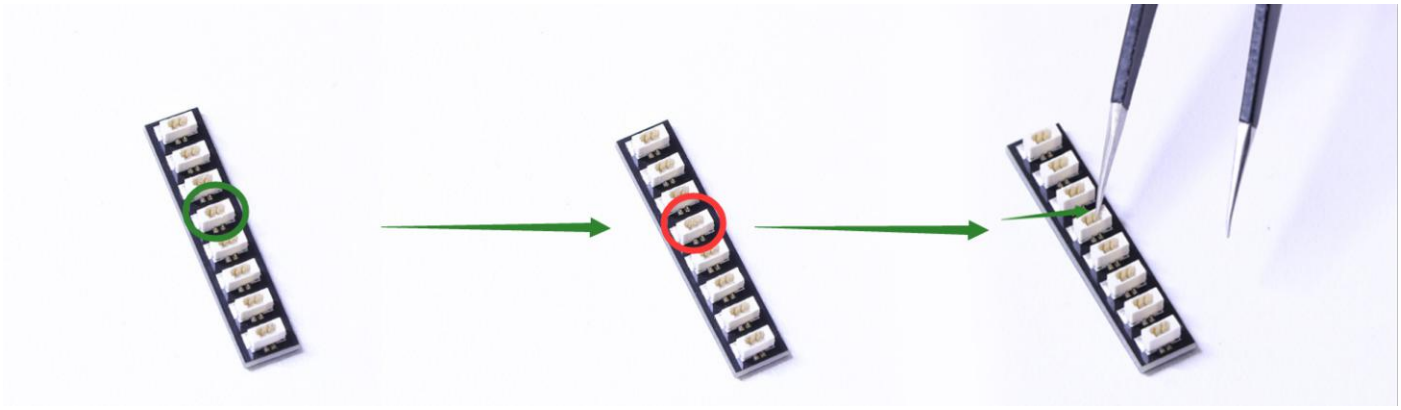
Place wires on the surface or under the LEGO building blocks.
The wire can be place between the building blocks or under the block, but they should be placed between the studs correctly.



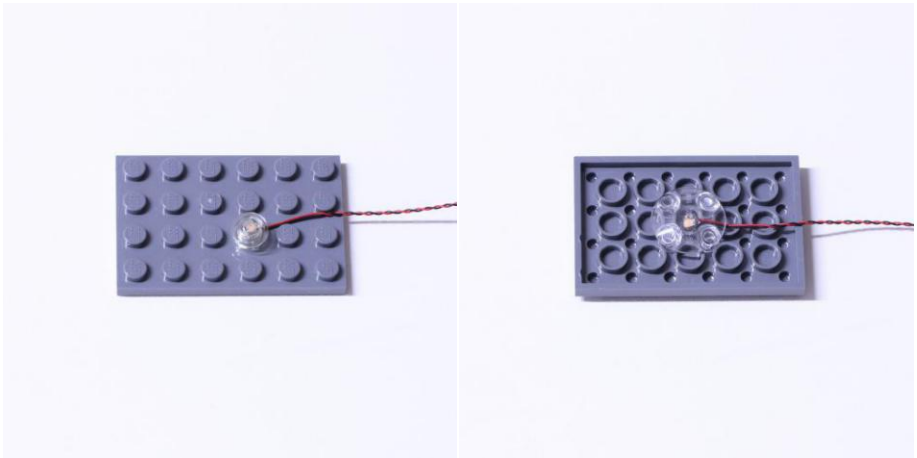
Insert the connectors to the ports.
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, and don't force it, for that may result in bent pins inside the port or overheating of the expansion board.



At this point, use the tweezers to straighten the bent pins.

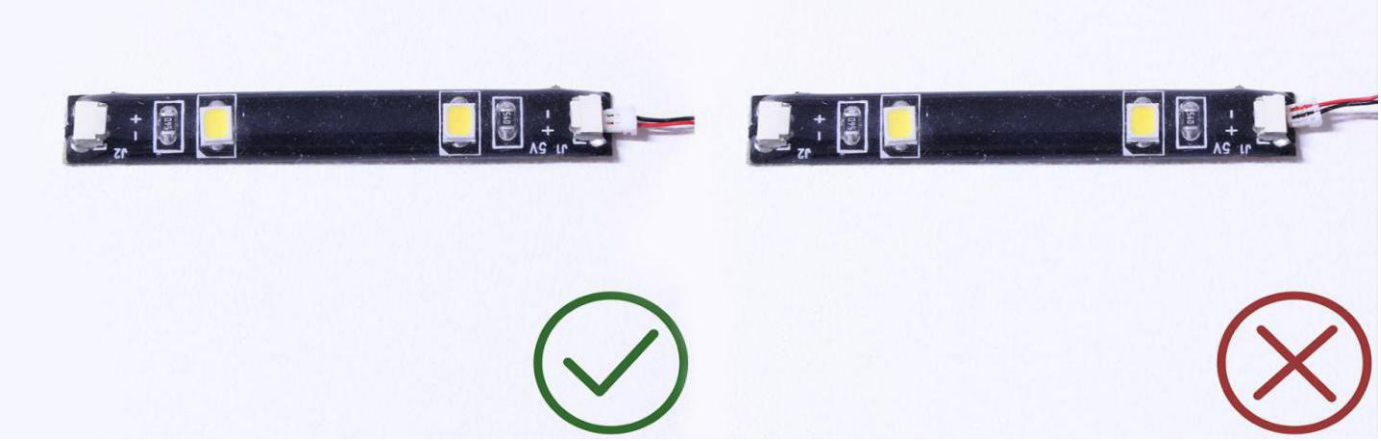


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put they either on the top of the studs or between studs.

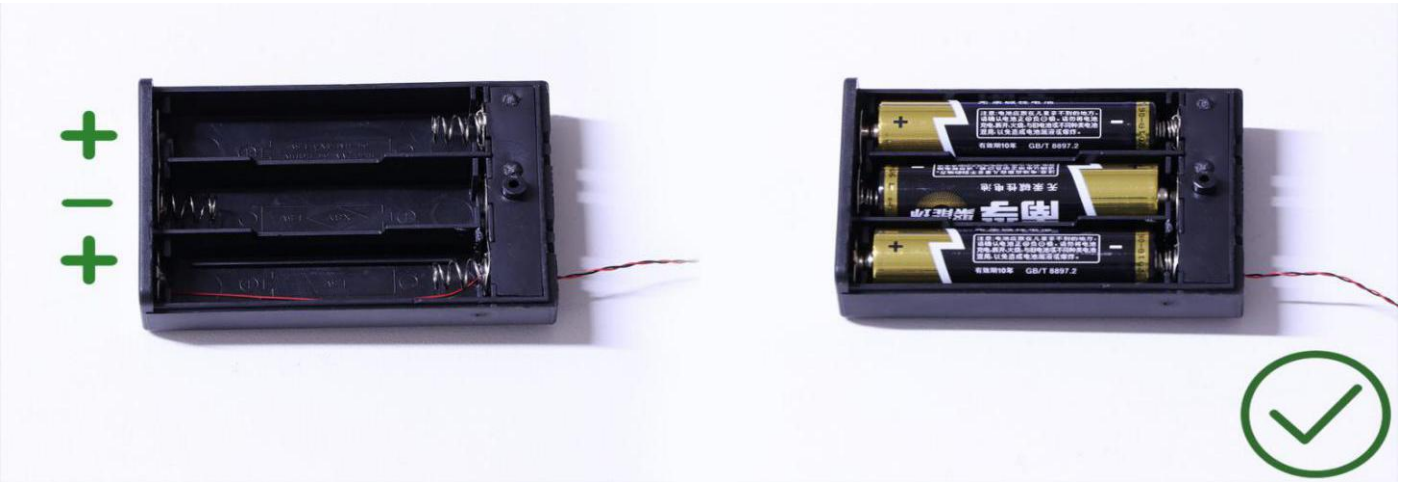


Connecting cable connectors to Strip Lights

Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won't fit easily into a port connector, don't force it. Doing so will damage the plug and the connector.



Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.

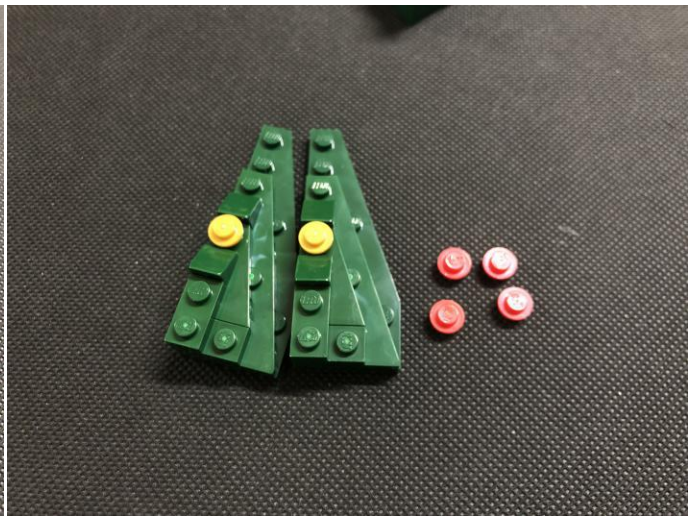


Instructions for installing this kit:

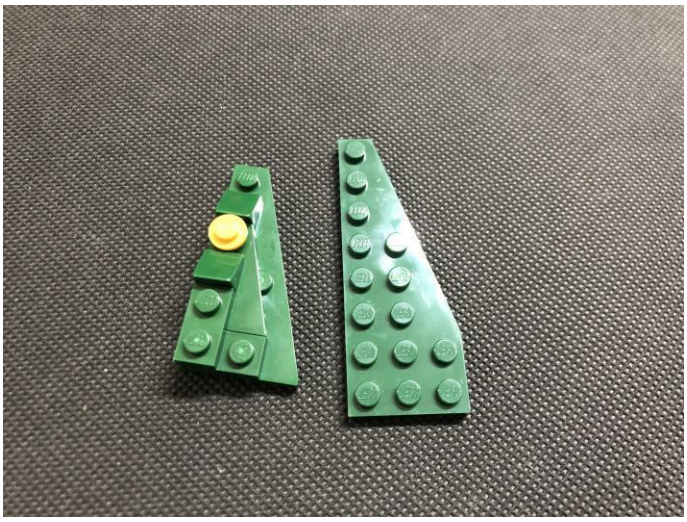
OK, Let’s Begin!
Start from installing lights for the Christmas tree

Disconnect the leaves

Remove the red 1x1 pieces from the following 2 leaves

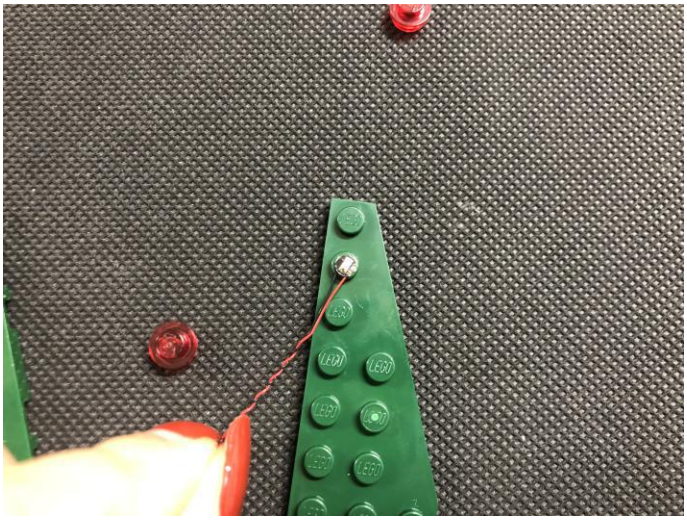


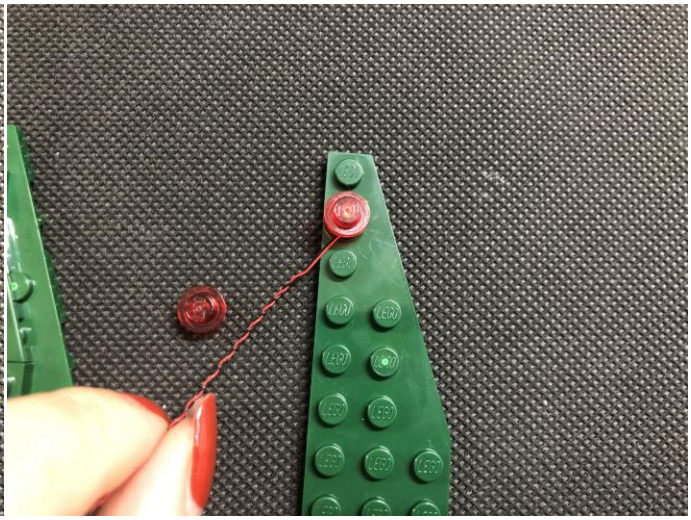
Disconnect the leave as per below



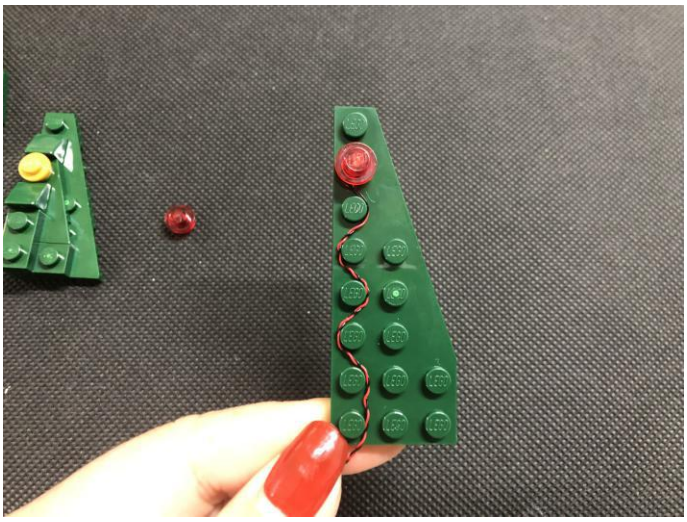
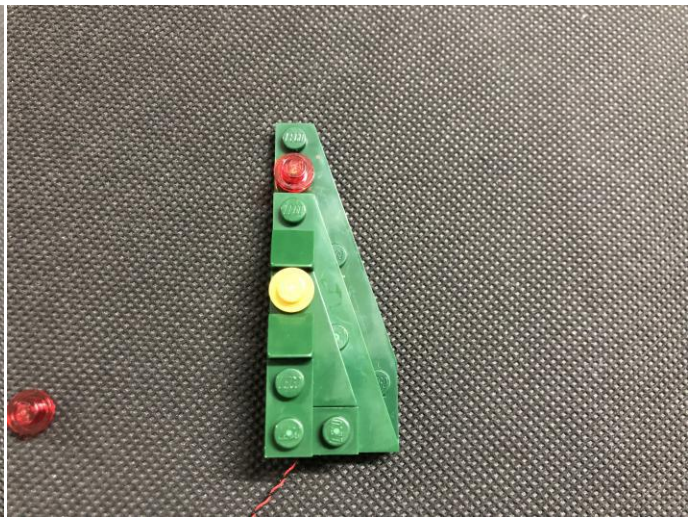
Take 2 red flashing 30cm dot lights, 2 trans red 1x1 pieces

With lighting part facing up, secure the light with the trans red 1x1 piece

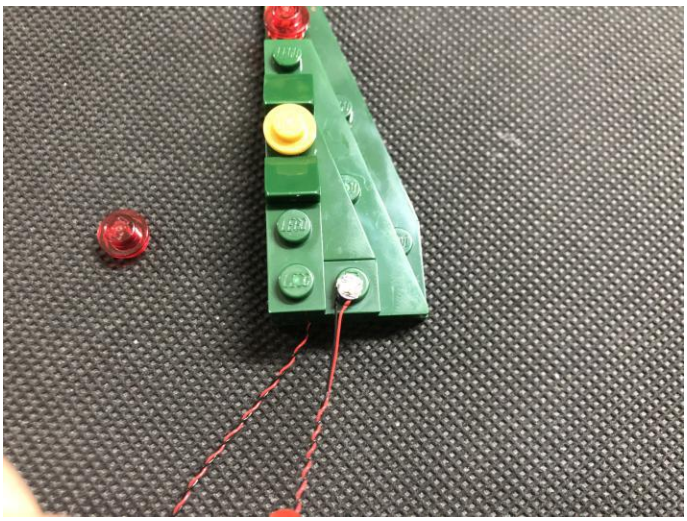
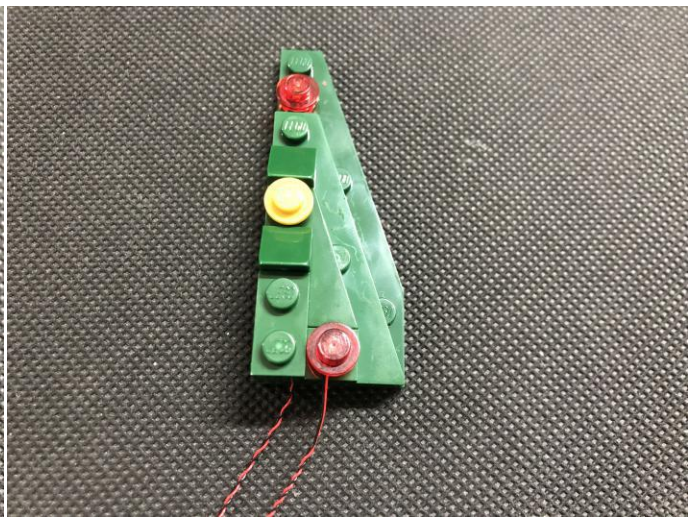




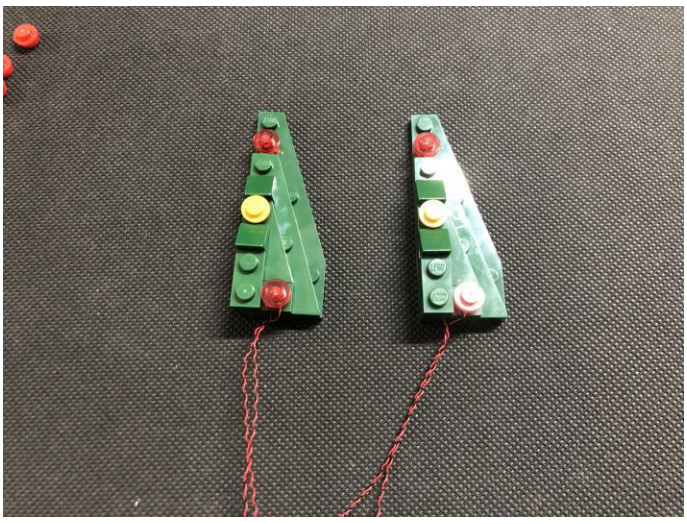
Place the cable as per below, reconnect the leave piece we removed before to secure the cable of the light

Similarly, with lighting part facing up, secure the light with the 1x1 trans red piece

Take 2 red flashing 30cm dot lights, 2 trans red 1x1 pieces, repeat the steps above to install lights for another leave

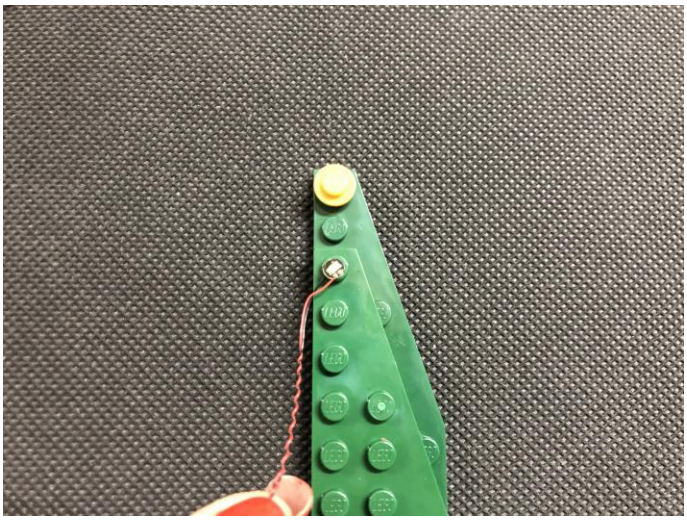
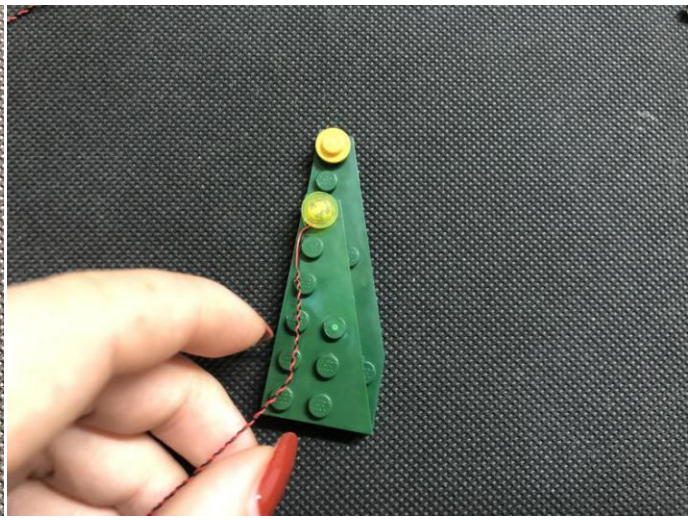


Move onto installing lights for the following leaves

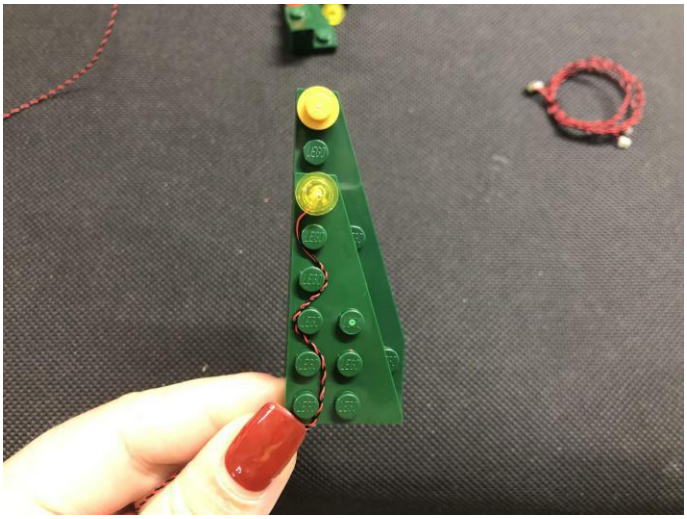
Disconnect the following pieces

Take 2 white flashing 30cm dot lights

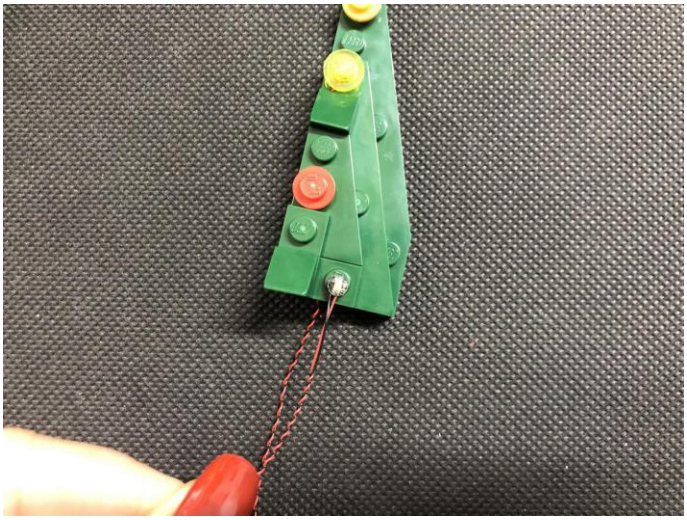
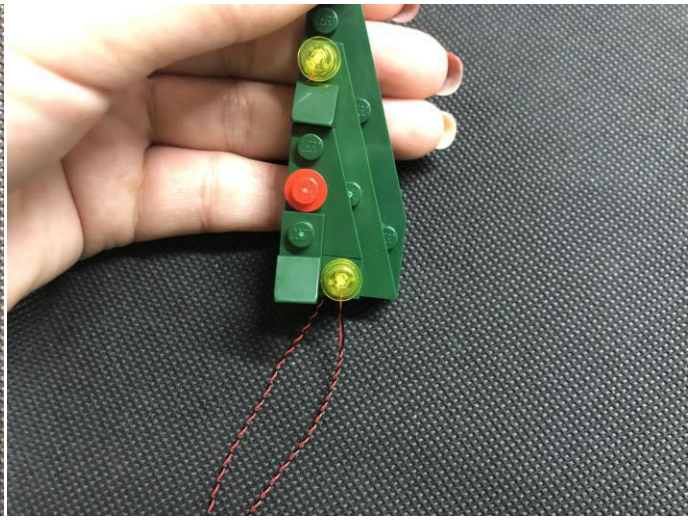
With lighting part facing up, secure the light with the trans yellow piece

Place the cable as per below, reconnect the piece we removed



Also, with lighting part facing up, secure the light with the trans yellow piece

Take 2 white flashing 30cm dot lights, repeat the steps above to install lights for another leave

Reconnect the 4 pieces of leaves back to the trunk

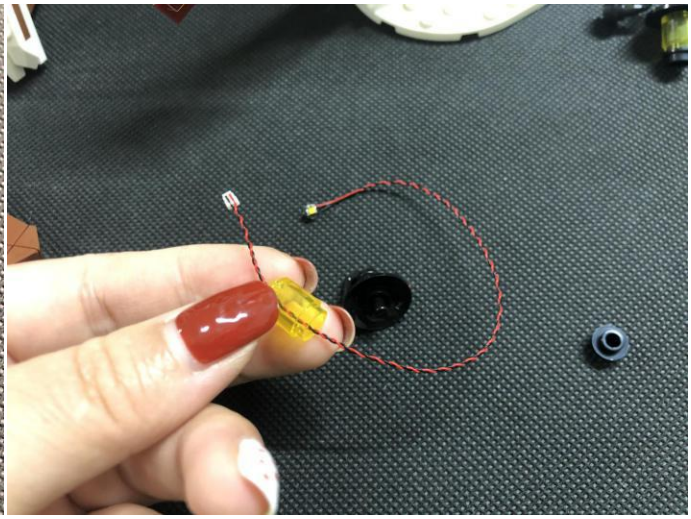
Group the cables together as per below

Continue to install lights for the house, begin with the lamps at the front of the door

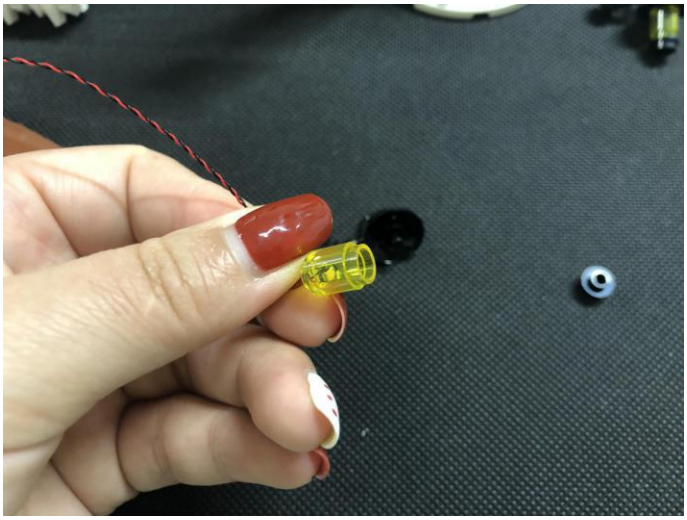
Remove the second floor and the roof above the door

Remove the 2 lamps, disassemble one of them as per below

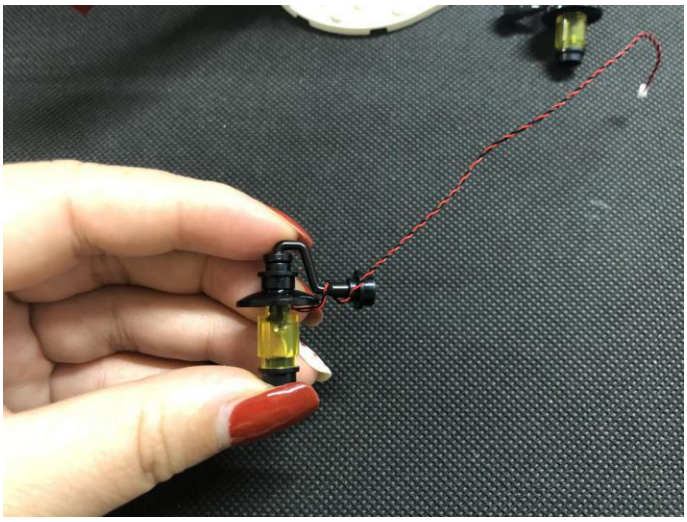
Take a warm white 15cm dot light, thread the light through the trans yellow lampshade



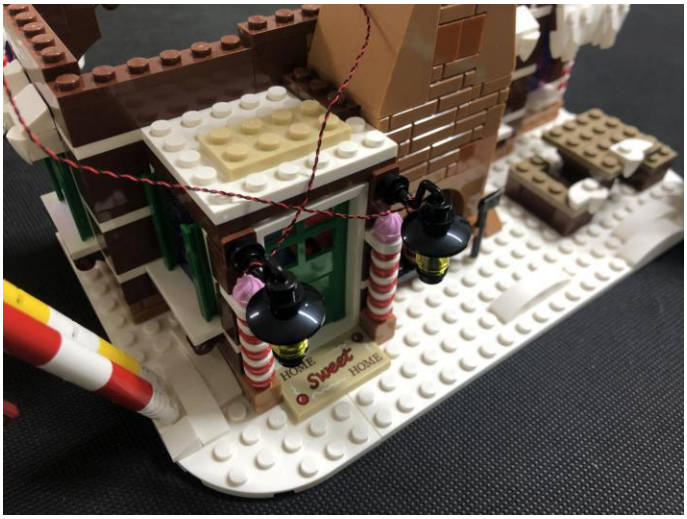
Pull the cable out, reconnect the lamp



Wind the cable twice before reconnecting the lamp



Take another warm white 15cm dot light, repeat the previous steps to install the other lamp

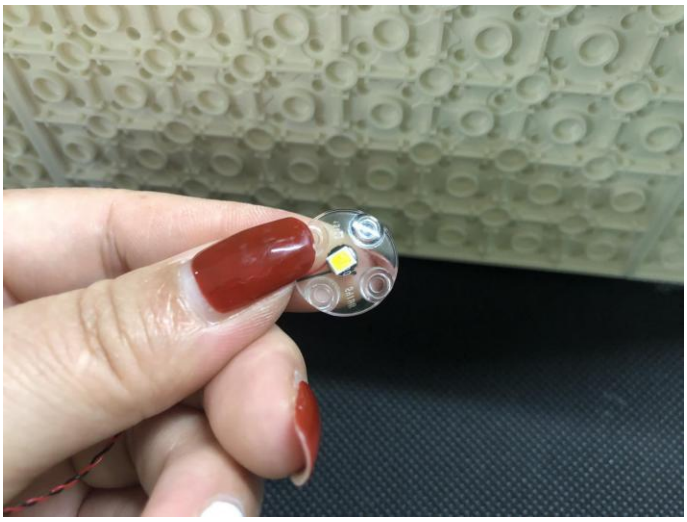


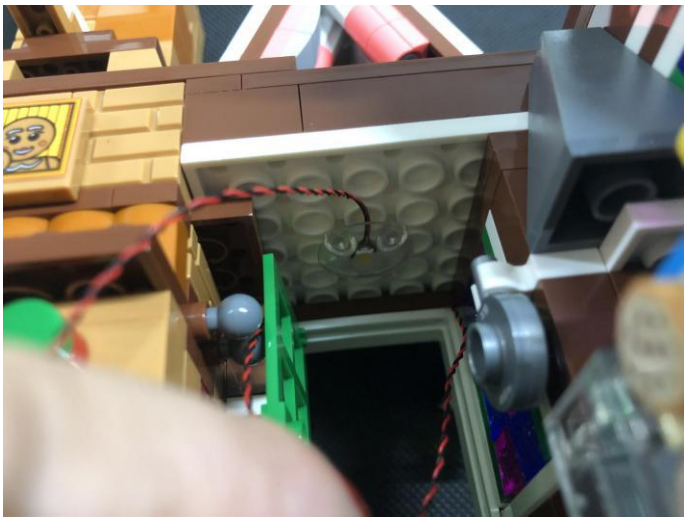
Lift the floor as per below, thread the cable through the gap to the inside

Close up the gap, reconnect the roof

Take a 15cm light, a trans round 2x2 plate

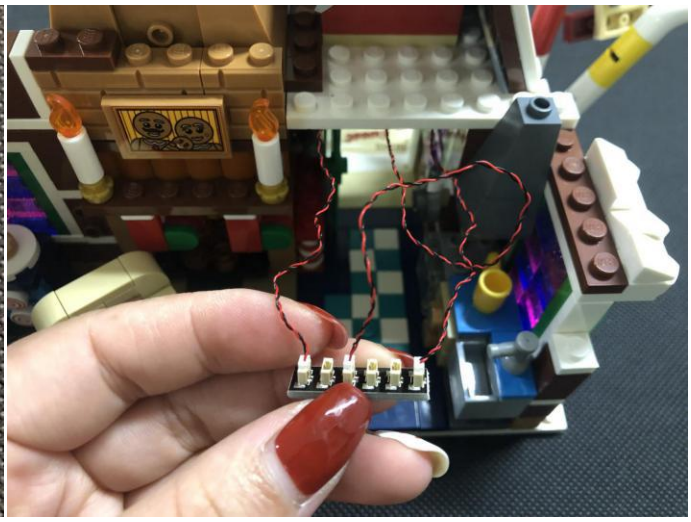
Turn the house to its side, connect the light to the ceiling of the kitchen with the trans piece



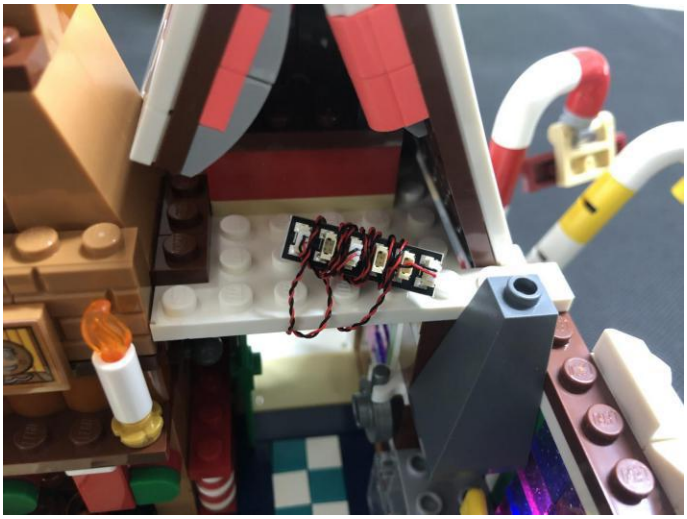


Remove the beams as per below

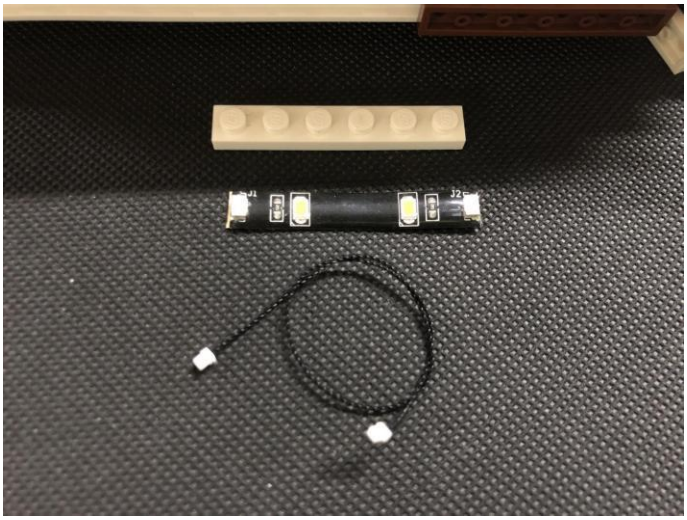
Take a 6-port expansion board, connect the 3 cables to it



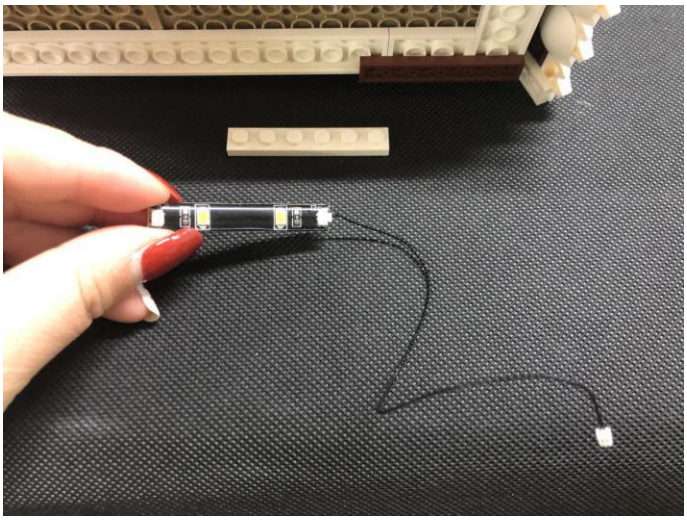
Tuck excess cables, stick the expansion board to the following place with the adhesive square



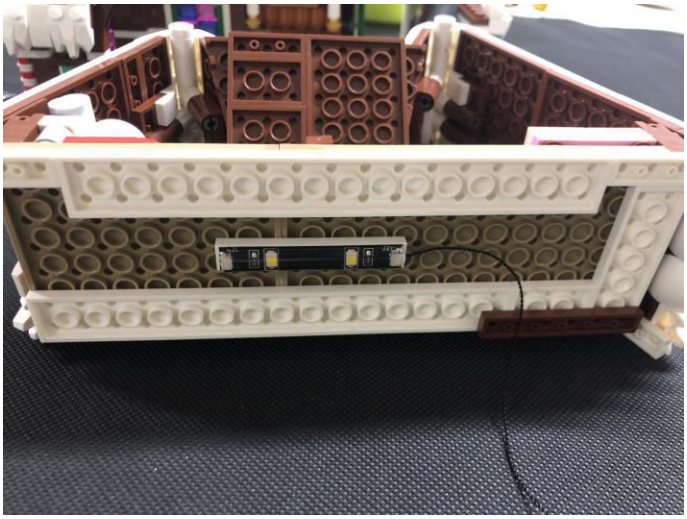
Take a warm white strip light, a 15cm connecting cable, a 1x6 white plate



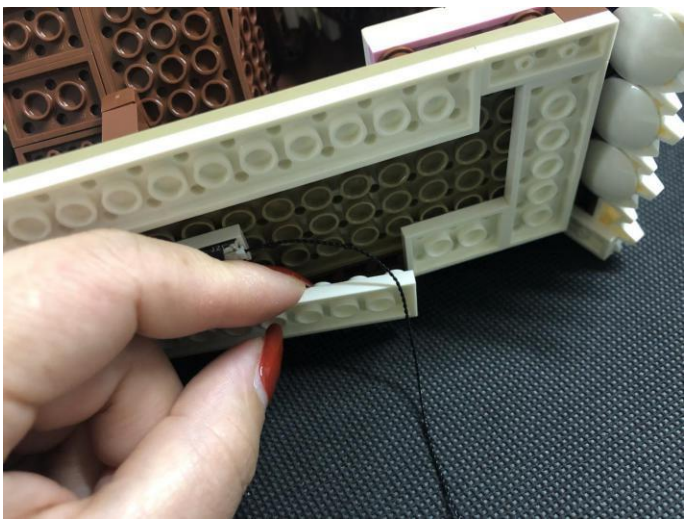
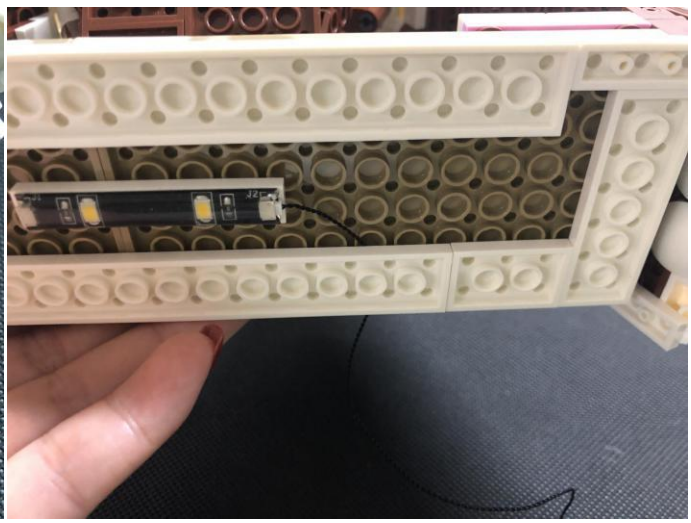
Connect the connecting cable to the strip light, stick the strip light to the plate



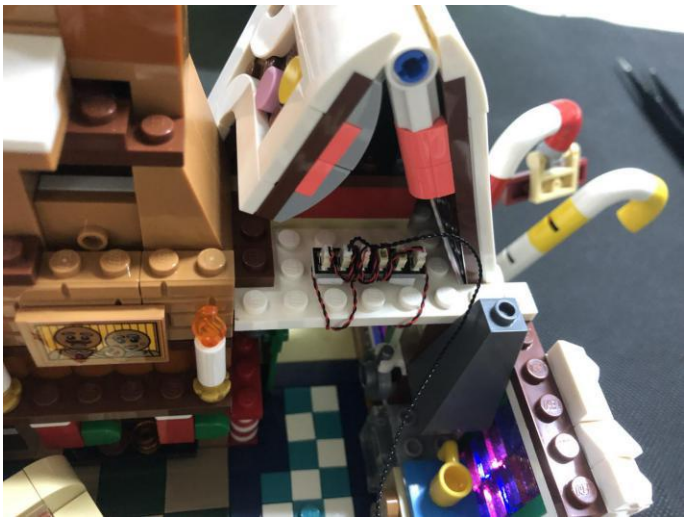
Connect the strip light to the ceiling of the living room



Lift the white plate next to it to allow the cable thread through, reconnect the white plate

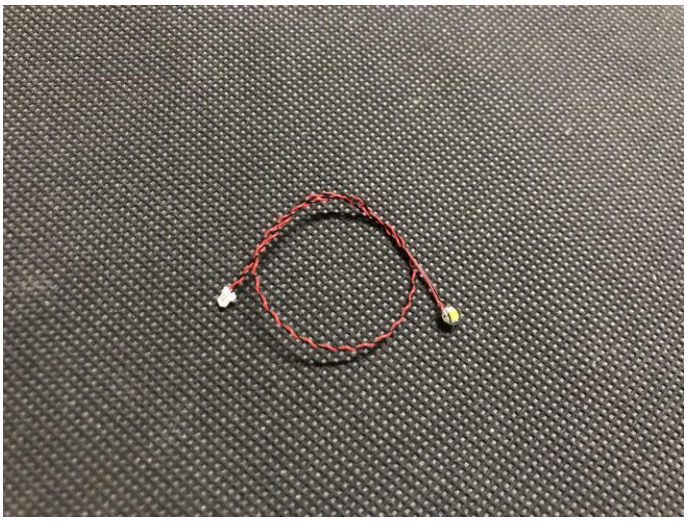
Connect the connecting cable to the expansion board



Reconnect the beams

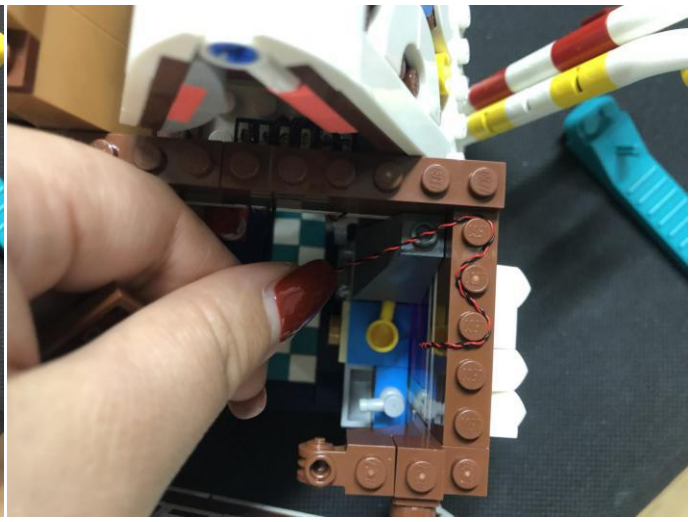
Continue to install light for the left window

Take a warm white 15cm dot light, lift the white piece above the window as per below



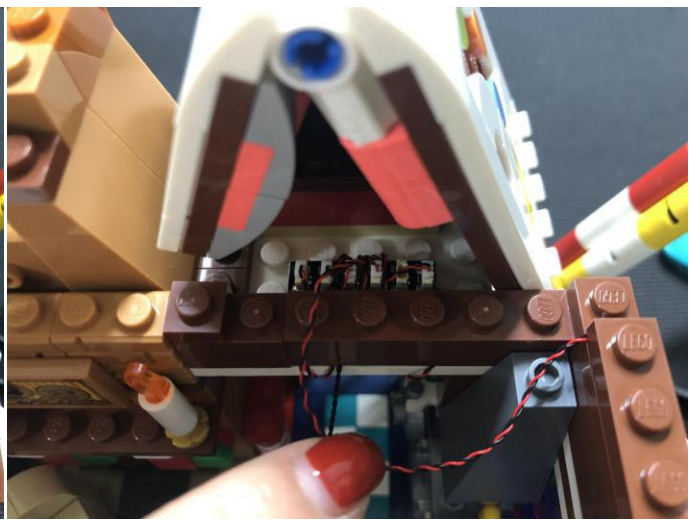
Thread the cable through the gap to the onside, close the gap, make sure the head of the light is at the outside

Remove the following brown 1x6 plate, place the cable as per below



Reconnect the 1x6 brown piece

Remove the following piece, connect the cable of the light to the expansion board

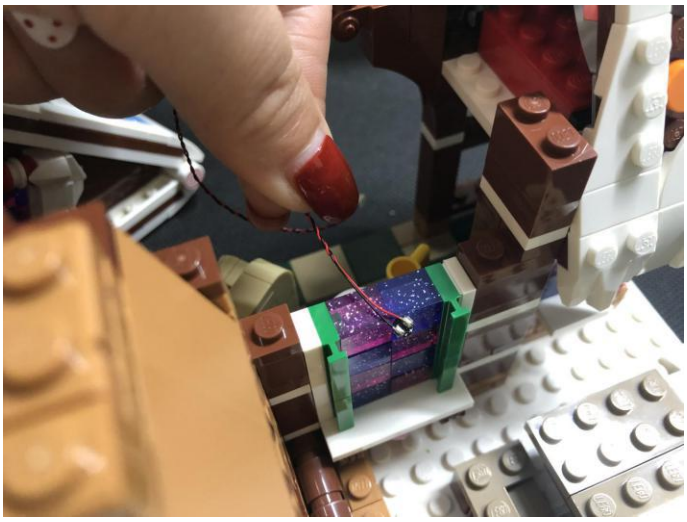


Reconnect the pieces we removed

Move onto installing light for the right window

Take a warm white 15cm dot light

Remove the window hood, place the light as per below

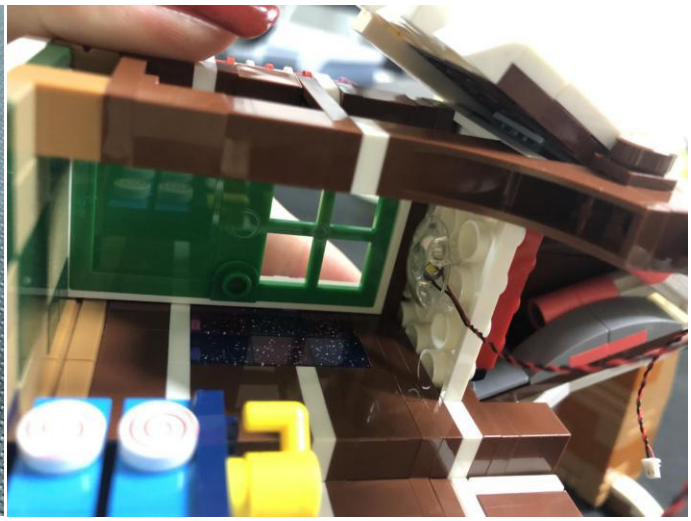


Reconnect the window hood, leave the light outside, thread the cable to the inside

Now, we’ll install lights for the corridor

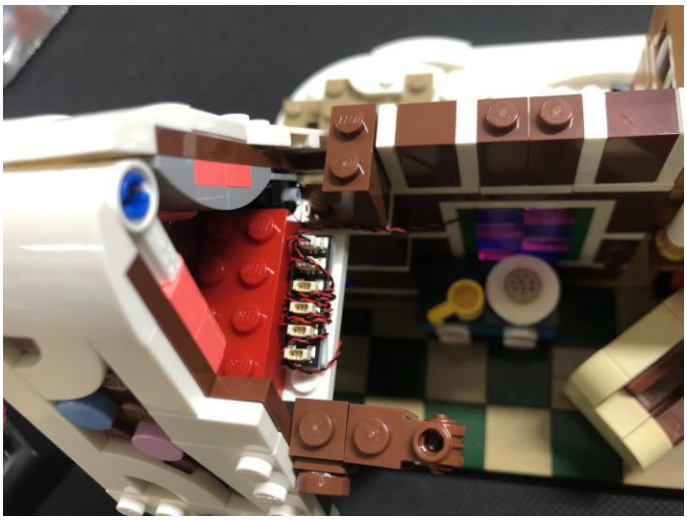
Take a warm white 15cm dot light, a trans round 2x2 plate

Place the light at the center of the 2x2 trans round piece, and connect the light to the roof of the corridor as per below

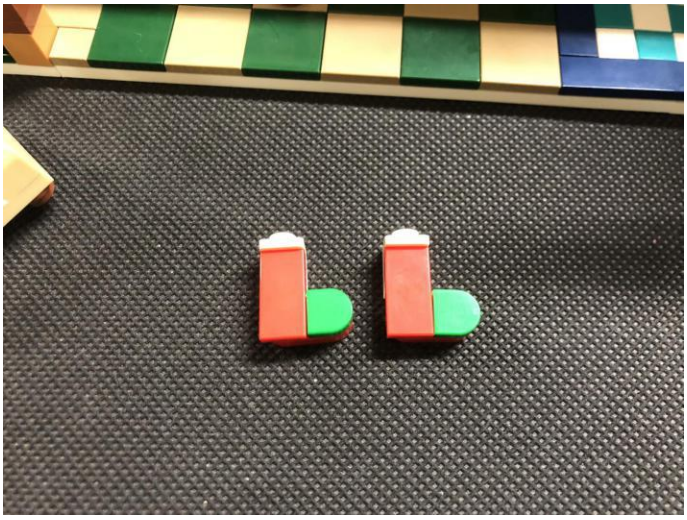


Take a 6-port expansion board, connect the cables of the 2 lights to it

Tuck excess cables stick the expansion board to the following place with adhesive square

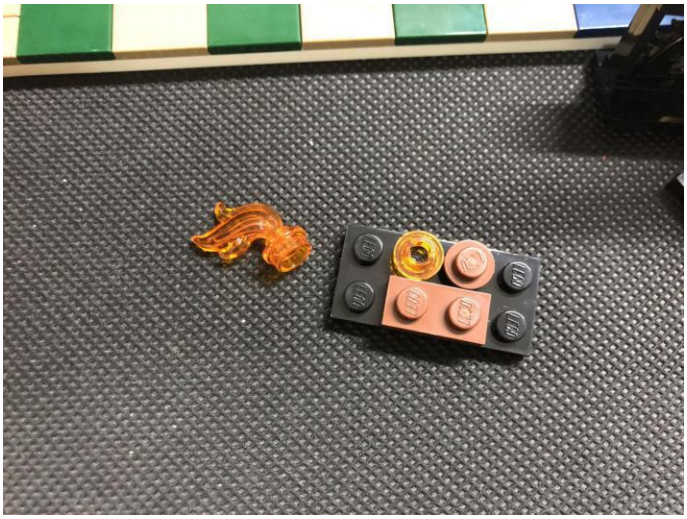


And we’ ll install lights for the stove. Remove the sofa, the socks



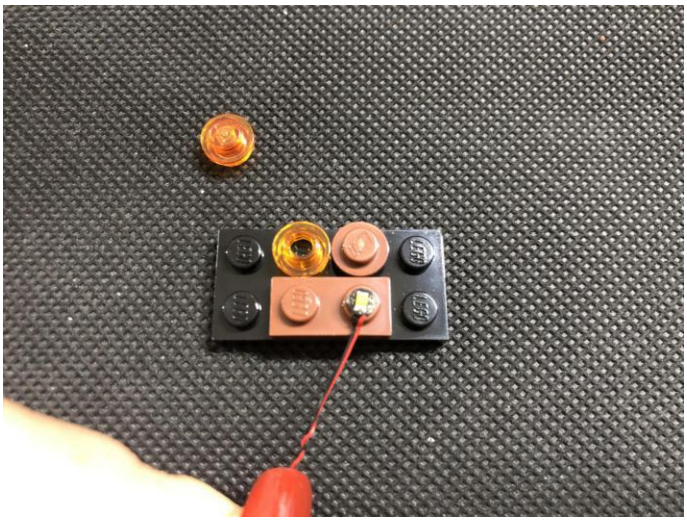
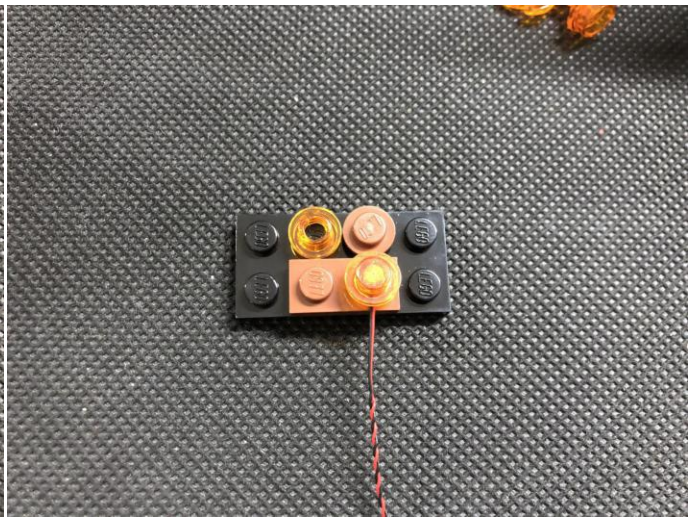
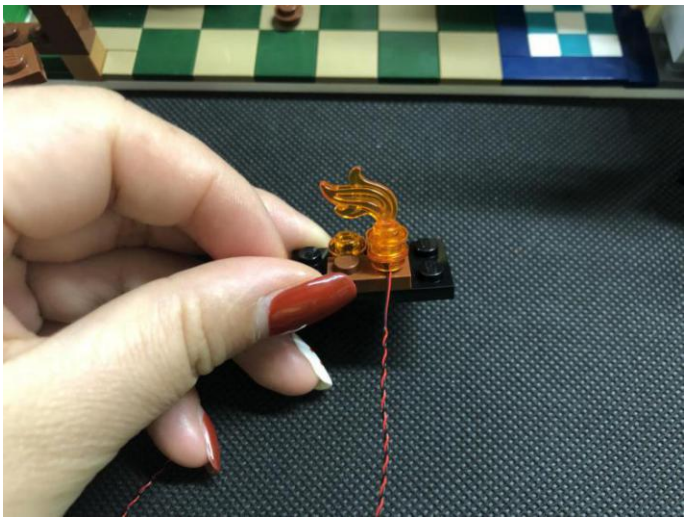
Disconnect the chimney and the fire

Disconnect one of the flame pieces



Take a warm white 15cm dot light, a trans orange 1x1 piece

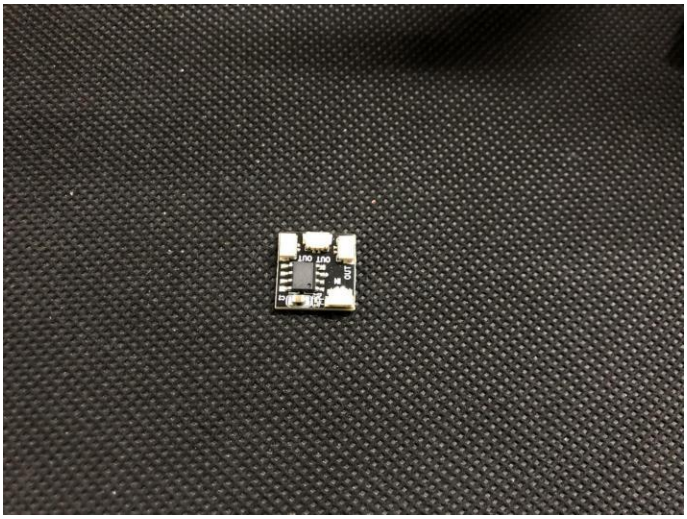
Place the light to the following place, secure the light with the trans orange piece, reconnect the flame

Reconnect the fire and the black wall as per below

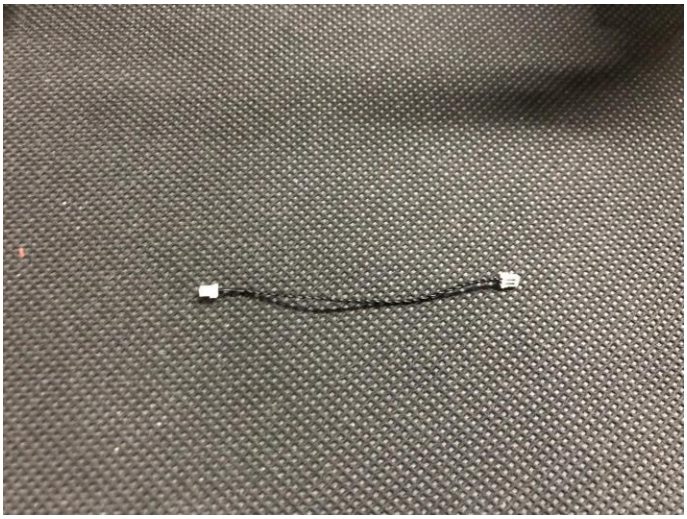
Take a warm white 15cm dot light, a trans orange 1x1 piece, repeat the steps above to install light for the fire inside the house

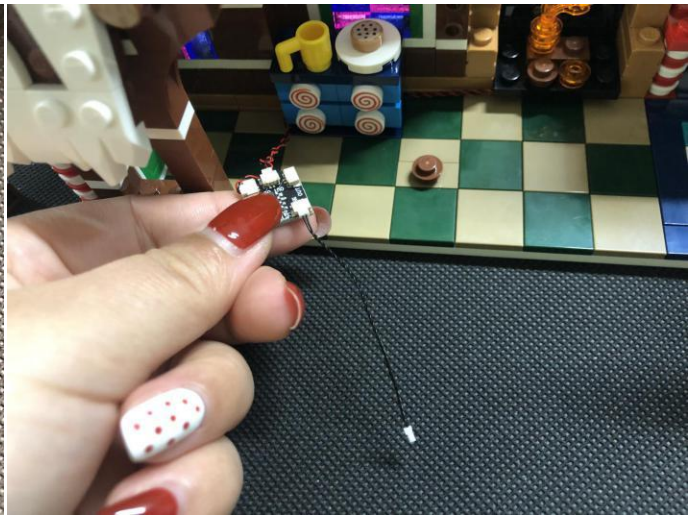
Take the Flicker Effects Board, connect the cables of the fire lights to it



Remove the cabinet, place the cables alongside the wall as per below, reconnect the cabinet to secure the cable

Take a 5cm connecting cable, connect it to the Flicker Effects Board





Stick the Flicker Effects Board to the wall with the adhesive square

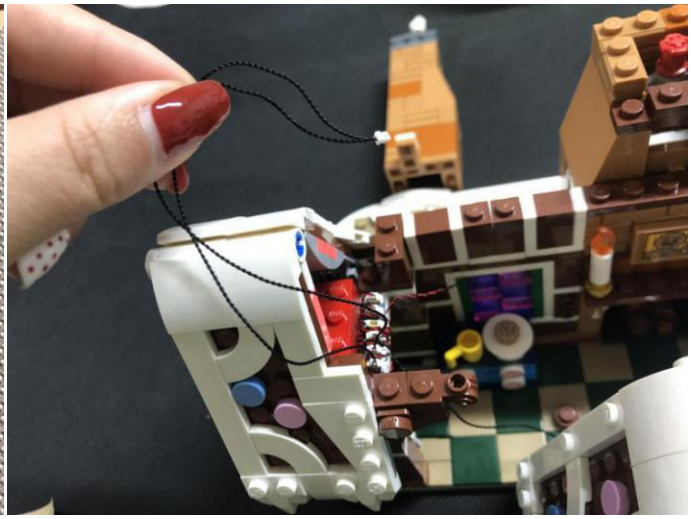
Remove the following pieces to hide the connecting cable underneath

Take a 6-port expansion board, connect the cable from the Flicker Effects Board to it

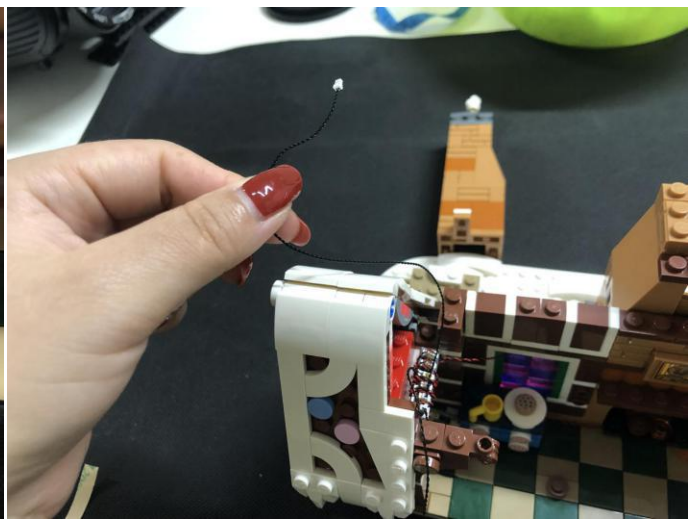
Stick the expansion board to the wall at the back of the door

Reconnect the chimney, sofa and the socks

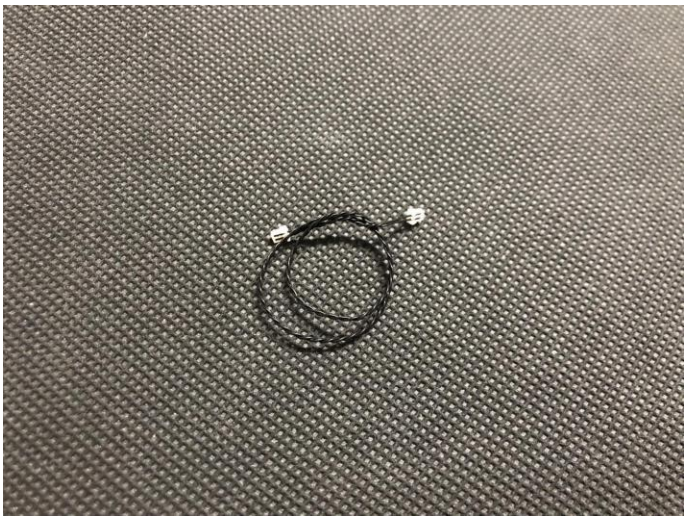
Take two 15cm connecting cables, connect them to the following expansion board



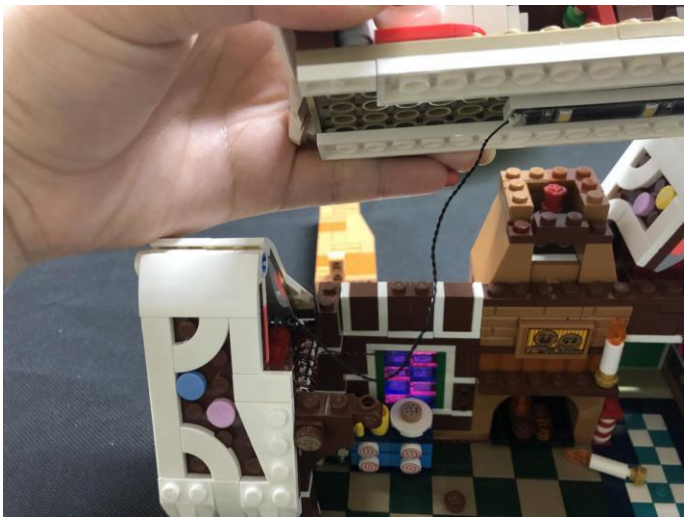
Connect one of them to the expansion board behind the door



Take a 15cm connecting cable, connect it to the following strip light

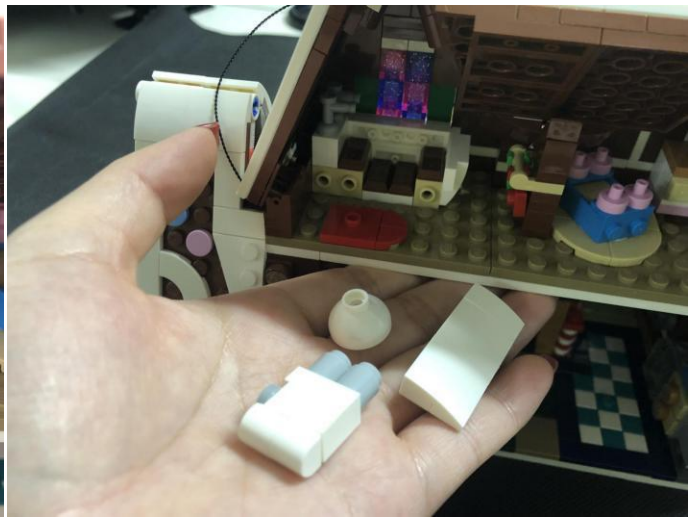


Connect the other end of the connecting cable to the expansion board next to the 2x4 red brick

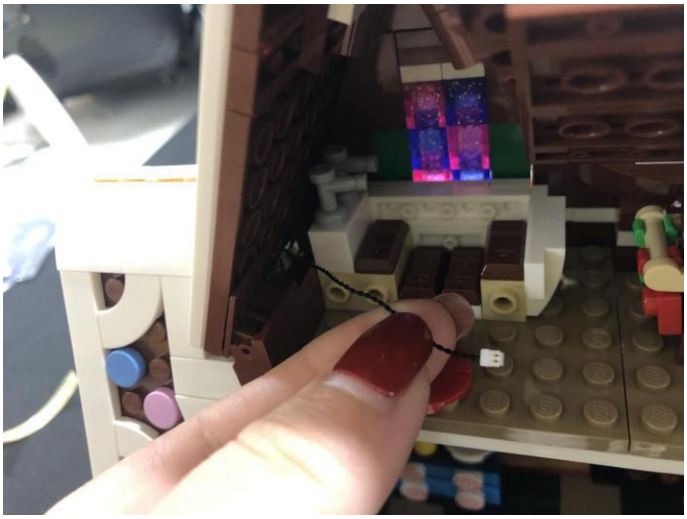


Reconnect the second roof

Disconnect the following pieces



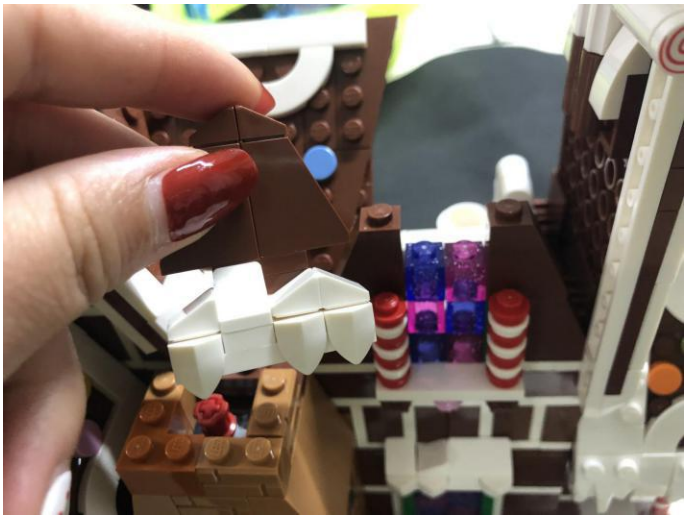
Thread the following cable from the expansion board to the inside of the second floor



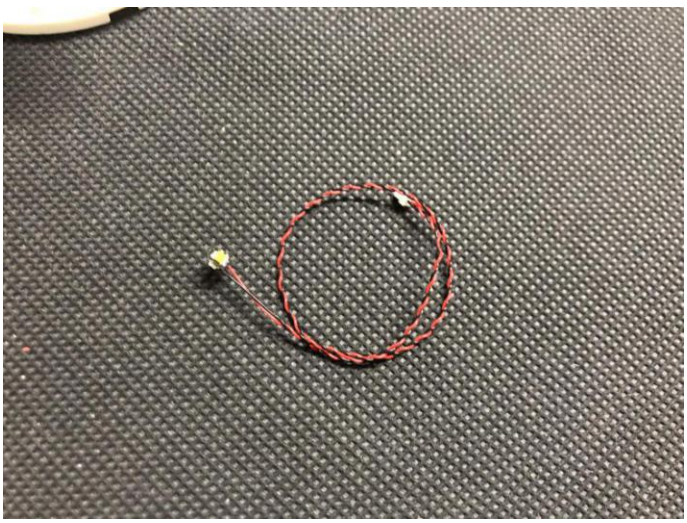
Reconnect the pieces

Move onto installing light for the bathroom, open the roof

Disconnect the window hood



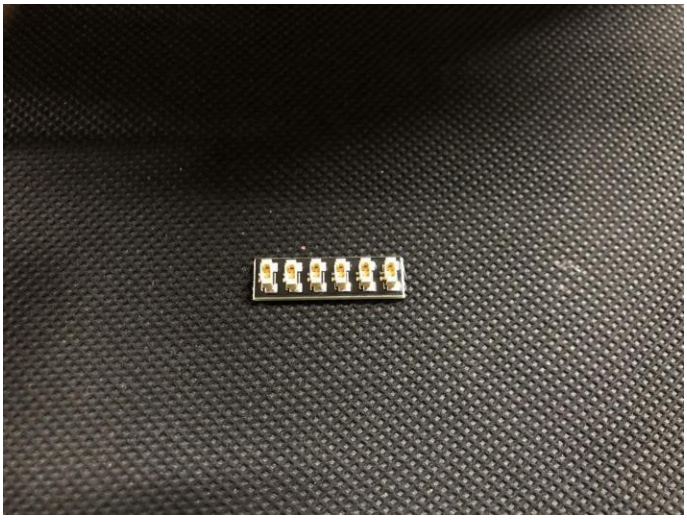
Take a warm white 15cm dot light, place the light to the following window



With the light facing outside, thread the cable inside the room, then, reconnect the window hood

Close the roof, remove the following tiles

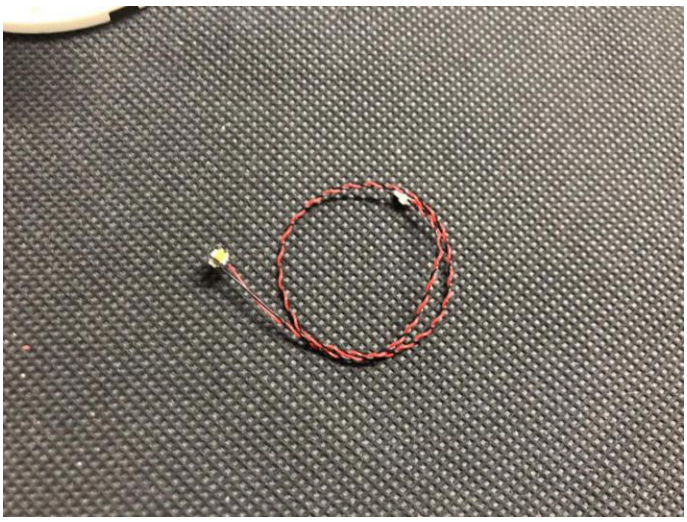
Take a 6-port expansion board, connect the cables of the lights from the window and the house to it



Tuck excess cables, stick the expansion board to the following place

Remove the roof of the bedroom

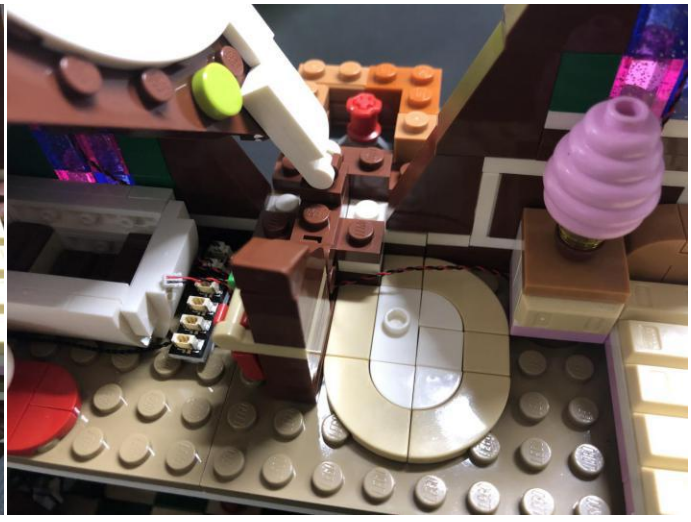
Take a warm white 15cm dot light, remove the window hood, place the light to the following place



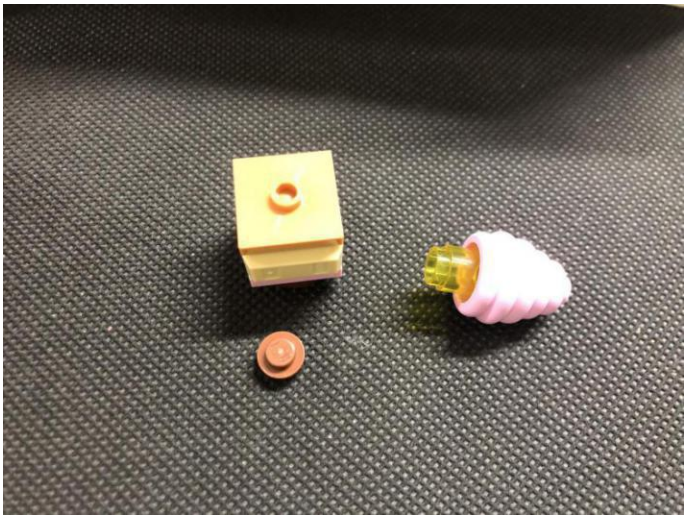
Make sure the light is facing outside and the cable is inside before reconnecting the window hood

Remove the bedside table to hide and secure the cable as per below

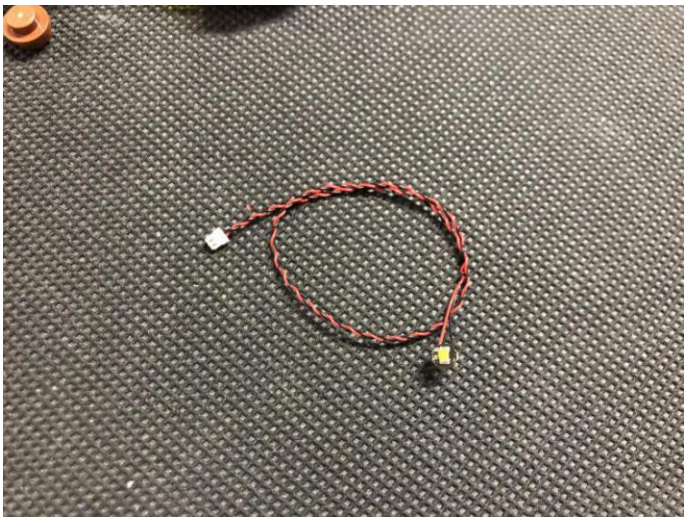
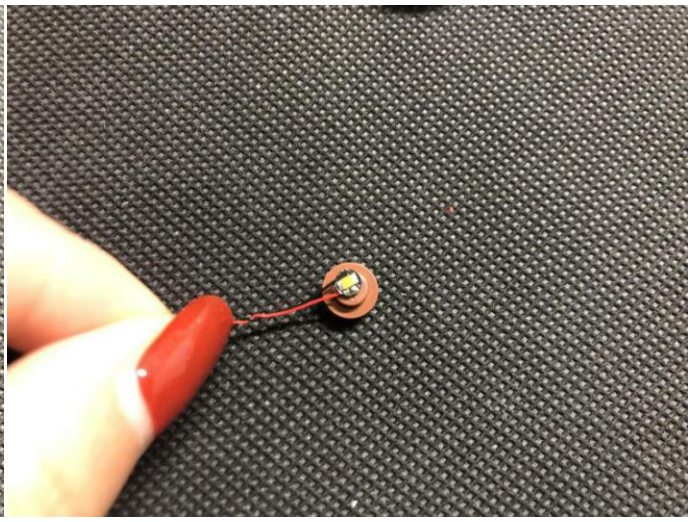
Remove the cot, thread the cable through the following space, connect the cable to the expansion board



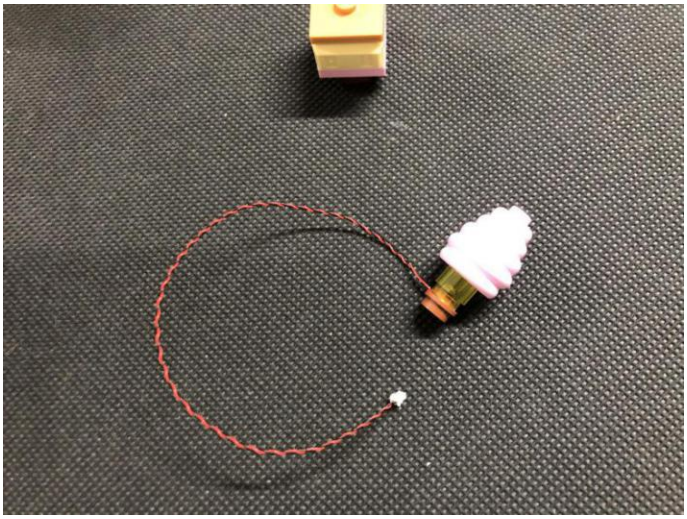
Continue to install the bedside lamp, remove the bedside and disconnect the lamp



Take a warm white 15cm dot light, place the light on the 1x1 brown piece

Reconnect the lampshade

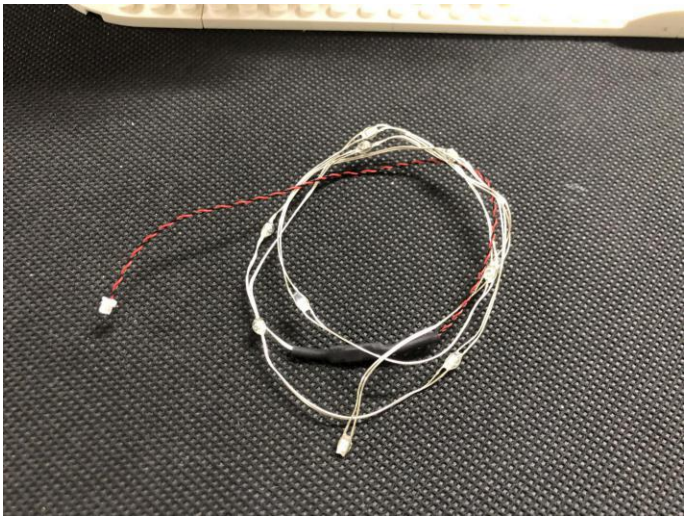


Reconnect the bedside table

Remove the cot, thread the cable through the space on the wall

Connect the cable to the expansion board, reconnect the roof

Take a Multi Colour Light String

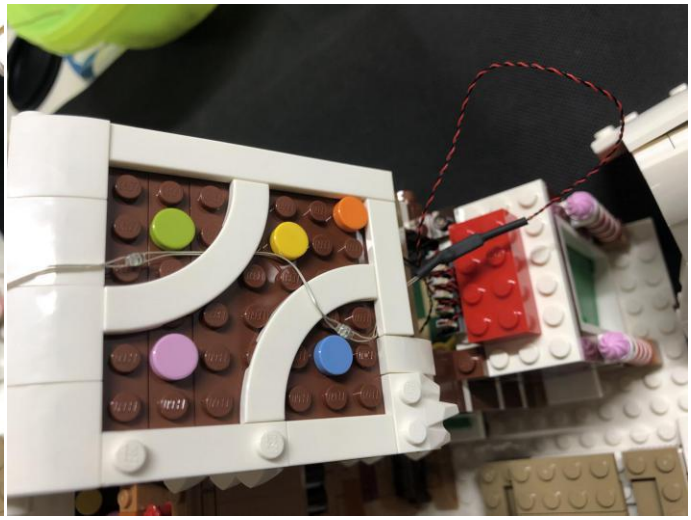


Secure the Multi Colour Light String with the following white piece

Place the Multi Colour Light String as per below

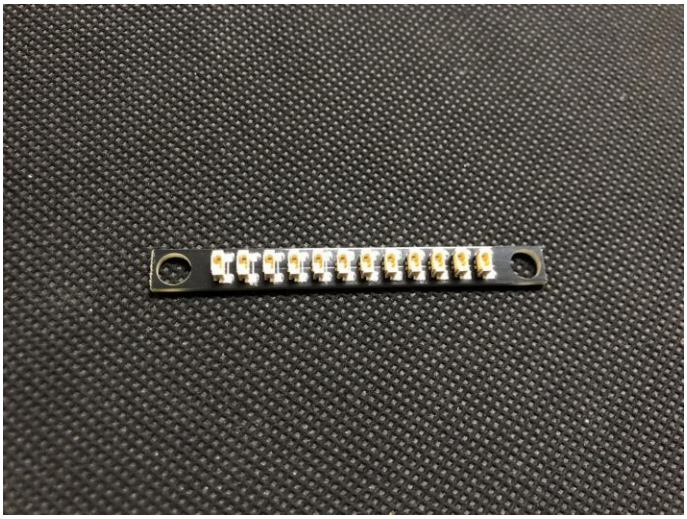
Remove the roof, connect the Multi Colour Light String to the expansion board

Disconnect the following white piece to secure the light string

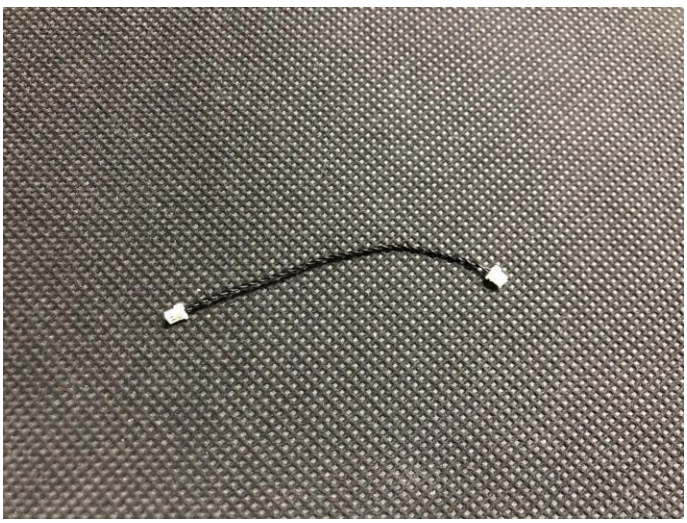


Tuck excess cable, reconnect the roof

Take a 12-port expansion board, connect the cables from the Christmas tree to it

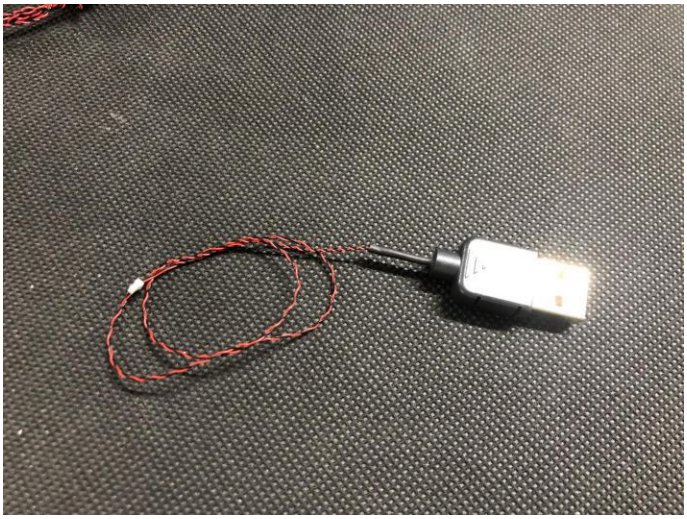
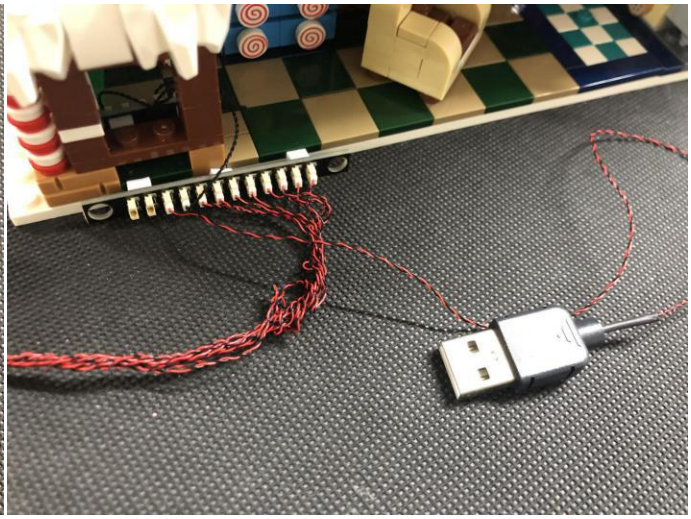


Take a 5cm connecting cable, connect it to the 12-port expansion board



Connect the other end of the cable to the 6-port expansion board behind the door, stick the 12-port expansion board to the following place with the adhesive squares

Take the USB cable, connect it to the 12-port expansion board

This completes installation of this LED Lighting Kit. ENJOY!

CANDY LANE