LEGO CHRISTMAS TREE 40338 LIGHT KIT

Thank you for choosing our lighting products. We are committed to LEGO product study and lighting development, we're always trying our best to provide LEGO fans with the best products and the best installation ideas.

Must be careful observation, imagination can be infinite.

We provide basic parts to support your imagination.

DO IT YOURSELF .that's what LEGO is .

As always, Lego has been adhering to the DIY philosophy from product selection, research and development to sales. Consumers buy the parts, you will assemble them by yourself, and you can experience every step from picking up the first piece to installing the last one. Besides, LEGO has different answers for the installation form and method of each part. Vonado lighting also does not want to kill your unlimited creativity, we will try our best to make products with high variability, high playability and unlimited play. If you have any dissatisfaction or your own ideas on the parts such as the color of the lights, the length of the cables, the installation position of the product, and the final effects of each module, you can make your own arrangement, and we will cooperate with you to replace or repurchase.

LETS MOVE!

Package contents:

- 1 x 15cm Head Light
- 12 x 15cm Multi Colour Flashing Lights
- 3 x 15cm Red Dot Lights
- 3 x 15cm Green Dot Lights
- 3 x 15cm Yellow Dot Lights
- 3 x 15cm White Dot Lights
- 2 x 15cm Warm White Dot Lights
- 1 x 6-port Expansion Board
- 1 x 12-port Expansion Board
- 2 x 8-port Expansion Boards
- 2 x 5cm Connecting Cables
- 1 x 10cm Connecting Cable
- 1 x USB Cable

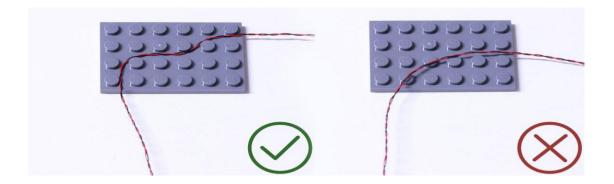
Extra pieces



Note:

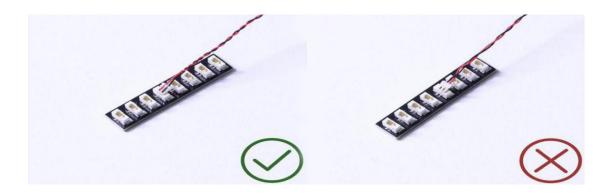
Place wires on the surface or under the building blocks.

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

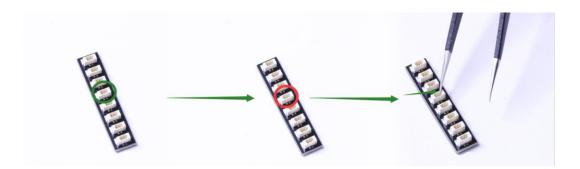


Insert the connectors to the ports.

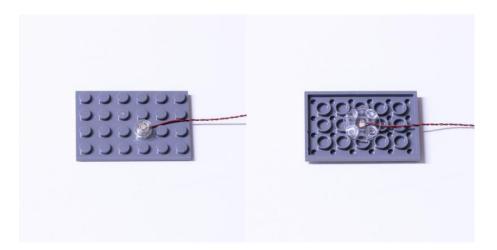
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, 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.

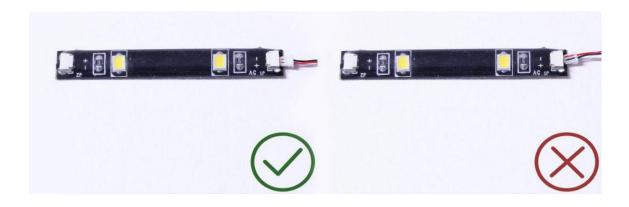


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put they either on the top of the studs or between studs.

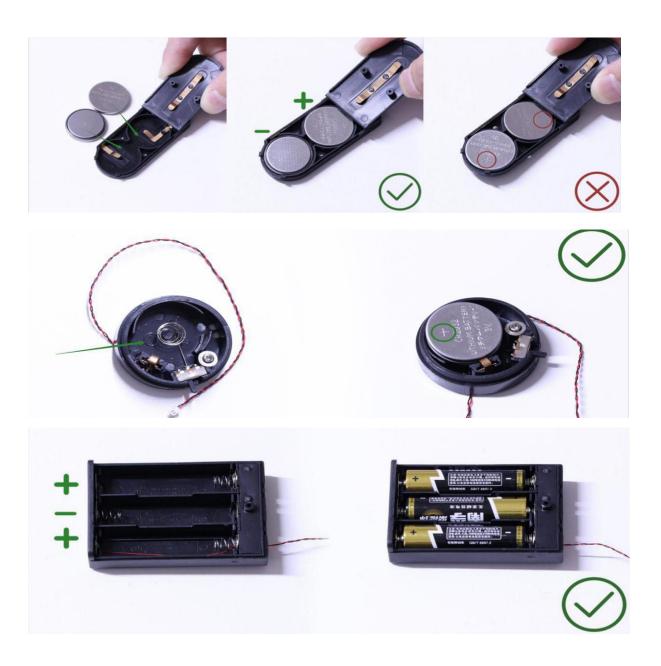


Connecting cable connectors to Strip Lights

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.

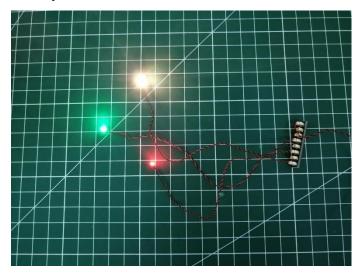


Instructions for installing this kit:

Christmas Tree, Lighting Kit, 12 bags in total, 11 bags with labels, 1 bag without label, as per below:

Power supply: USB cable (self-contained power bank or mobile phone charger).

Firstly, take the power source (power bank or mobile phone charger), connect it to the USB cable, connect the other end of the USB cable to the expansion board to verify all the lights one by one.



After the verification, disconnect the lights and put them back to the bags.

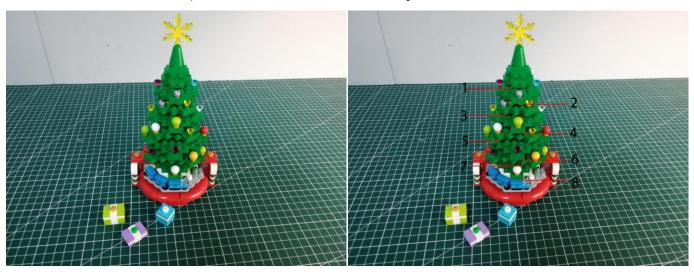
(note: put the lights back to the bags when verification of the lights from the same bag is done, then, continue to verify the lights in another bag.)

OK, Let's Begin! (you can use the tweezer if necessary.)

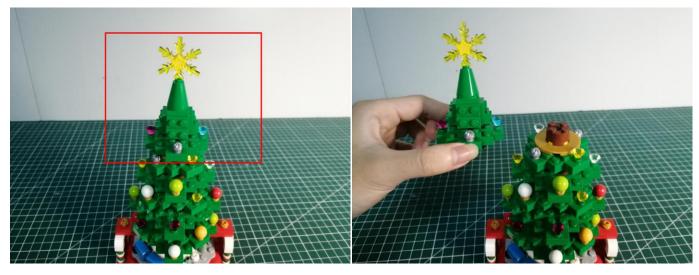
(Tips: the tweezer is sharp, you should be careful when using it, do not hurt yourself or scratch the pieces; be gentle and do not wear the cables.)

Instructions for installing this kit:

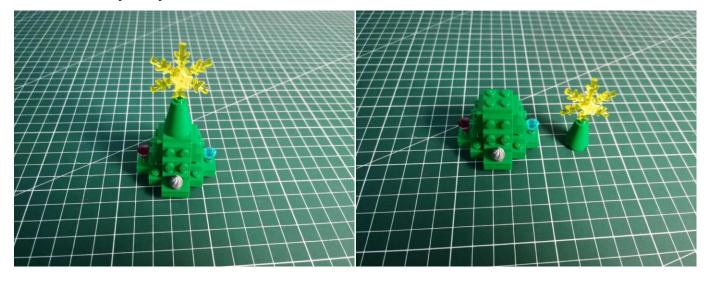
Take the Christmas tree, divide the leaves into 8 parts.



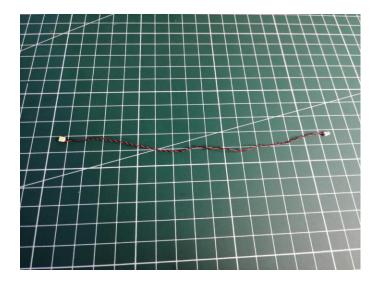
Remove the 1 part and the 2 part as per below.



Remove the top as per below.



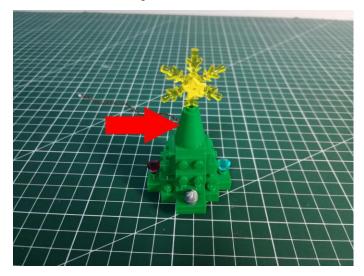
Take a 15cm head light.



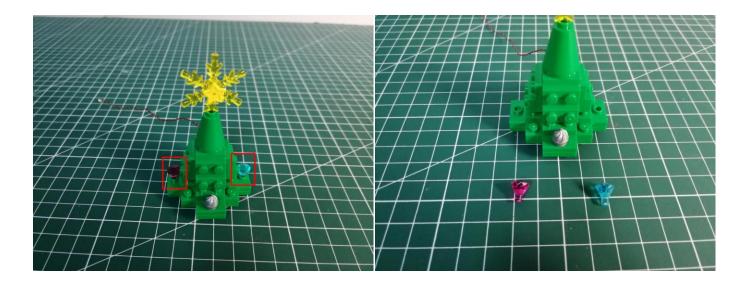
Place the light inside the piece as per below.



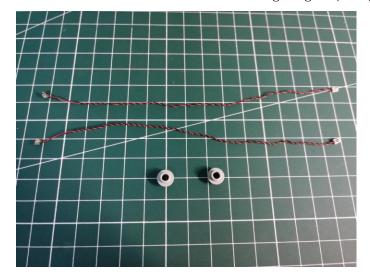
Reconnect the top.



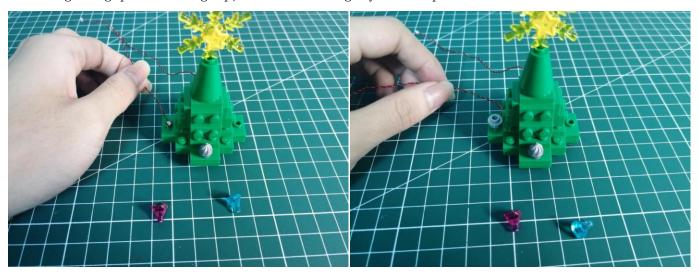
Disconnect the 2 crystals from the leaf.



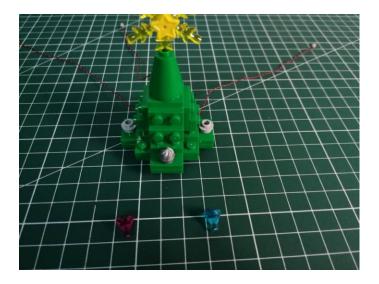
Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



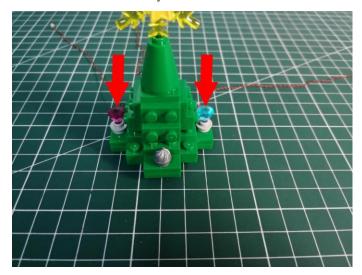
With lighting part facing up, connect the gray round plate with hole over.



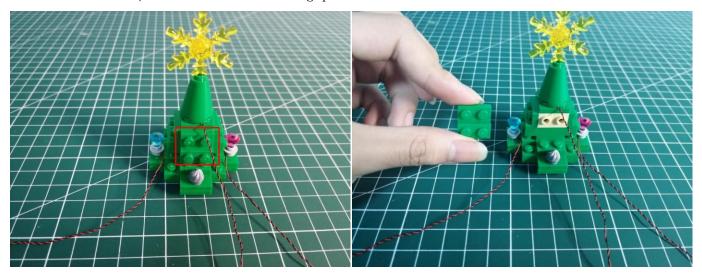
Install the other light in the same way.



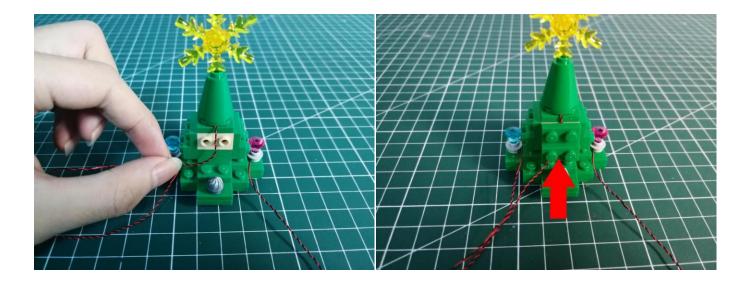
Reconnect the 2 crystals.



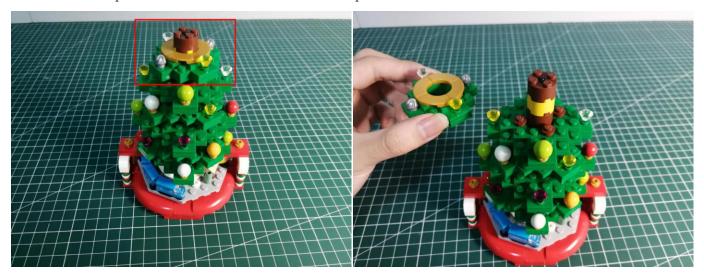
Turn to the back, remove the following piece.



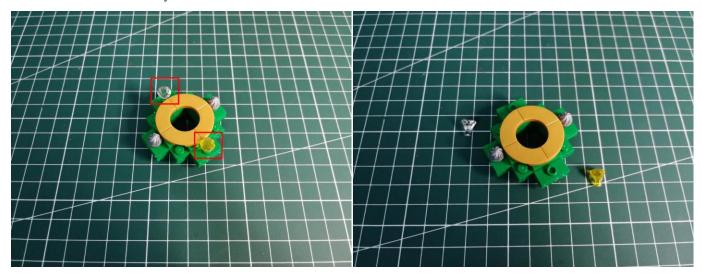
Place the cable as per below, reconnect the piece.



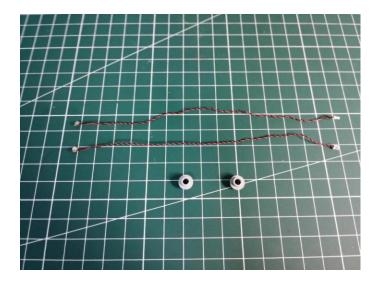
Remove the 3 part of the Christmas tree as per below.



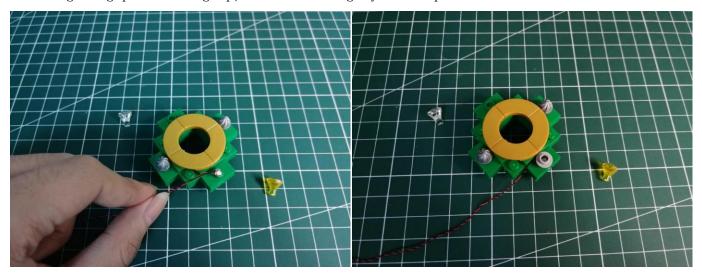
Disconnect the 2 crystals from the leaf.



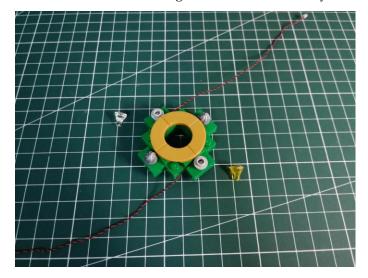
Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



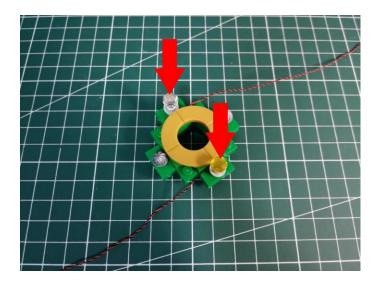
With lighting part facing up, connect the gray round plate with hole over.



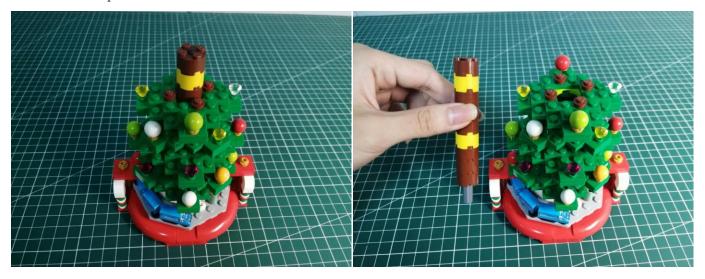
Install the other light in the same way.



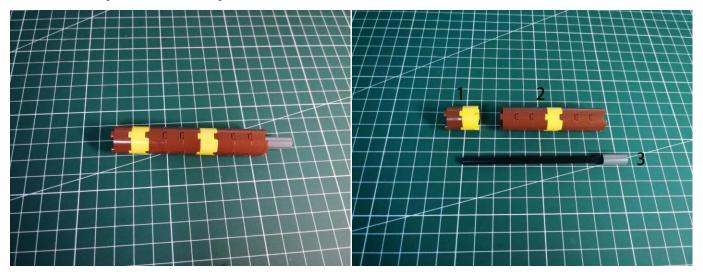
Reconnect the 2 crystals.



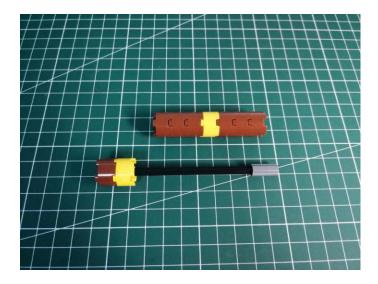
Remove the spindle of the Christmas tree.



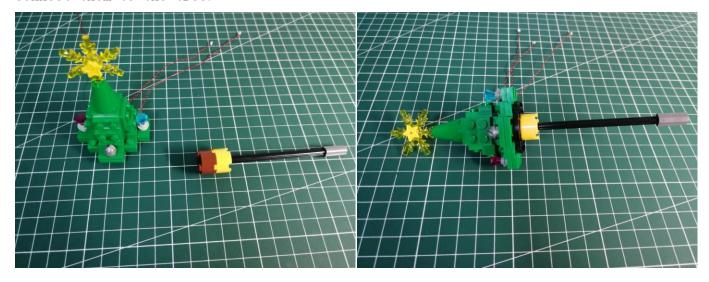
Divide the spindle into 3 parts.



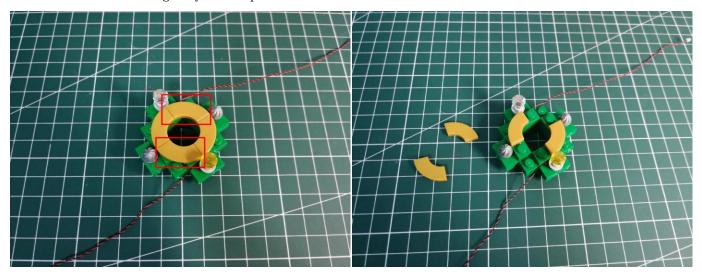
Connect the part 1 and part 3 together.



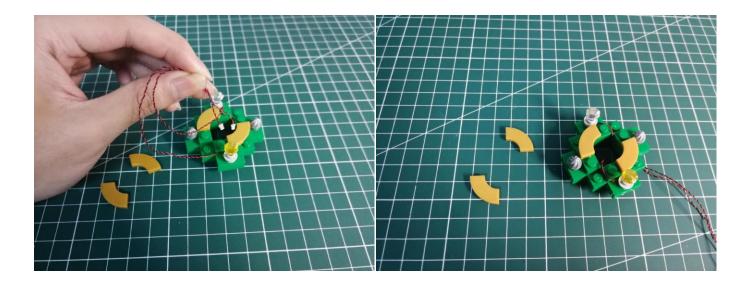
Connect them to the tree.



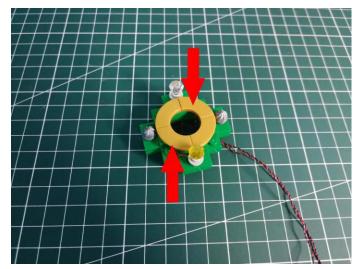
Remove the following 2 yellow pieces.



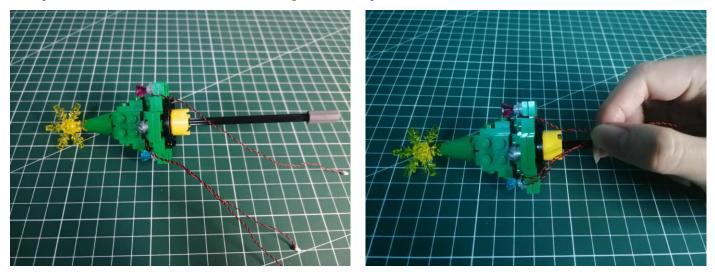
Take the following 2 cables, thread them through the following hole, and group the cables together.

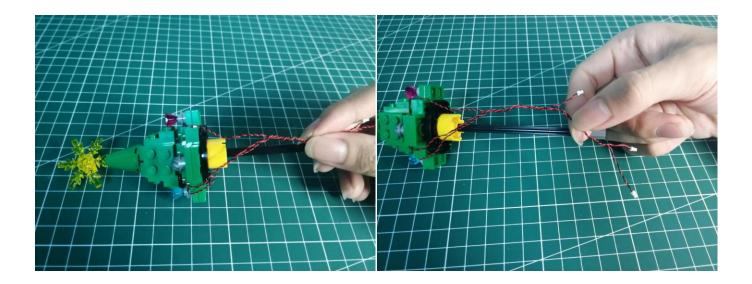


Reconnect the following pieces.

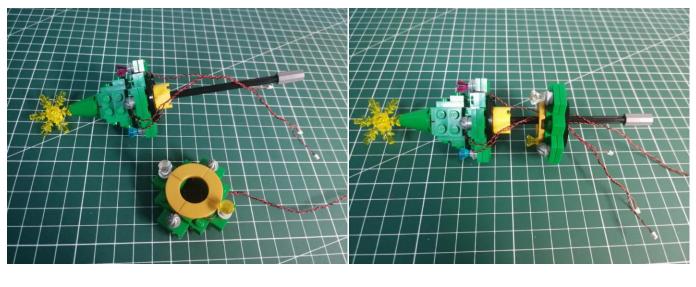


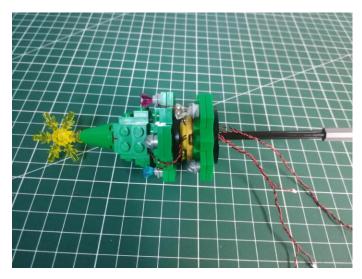
Group the 3 cables from the leaf together as per below.



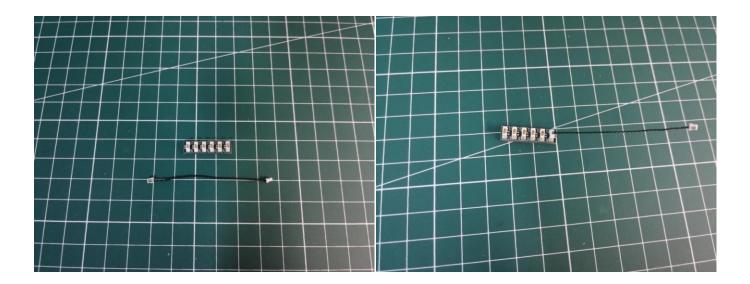


Connect the part 3 to the spindle as per below.

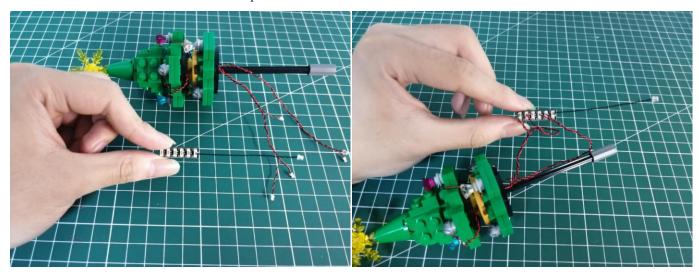




Take a 5cm connecting cable, a 6-port expansion board, assemble them as per below.



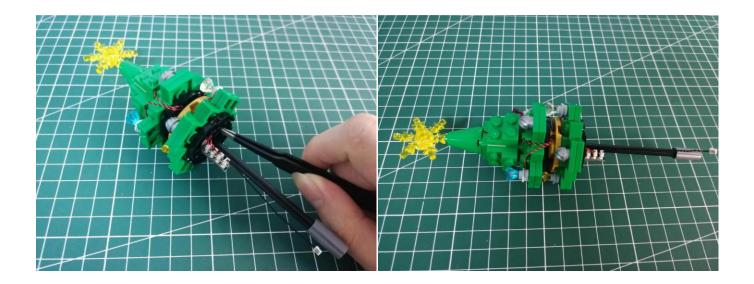
Connect the 5 cables to the expansion board.



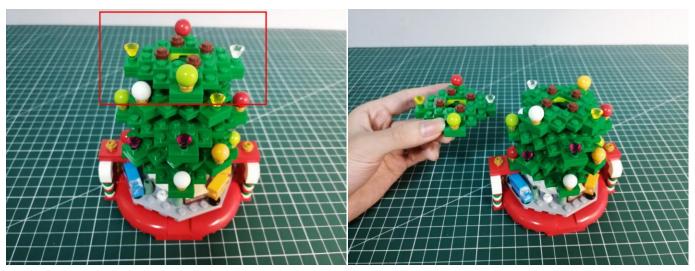
Tuck the expansion board and the cables inside as per below.



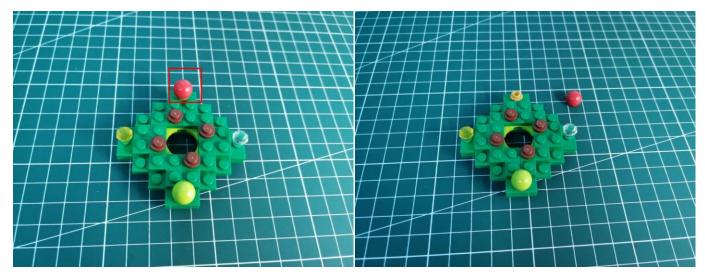
Tuck them with the tweezer as per below.



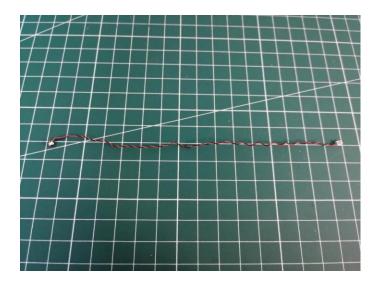
Remove the 4 part of the Christmas tree as per below.



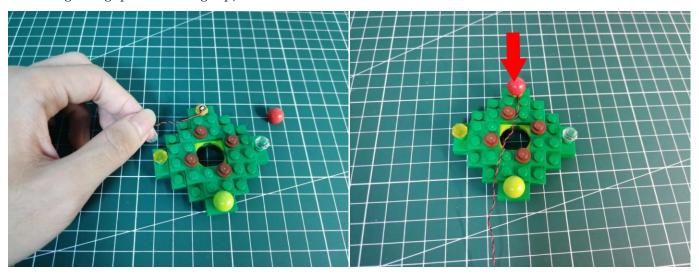
Disconnect the red ball from the leaf.



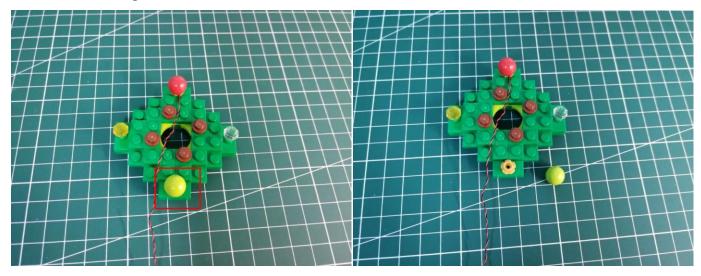
Take a red 15cm dot light.



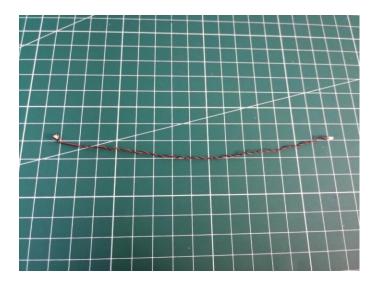
With lighting part facing up, reconnect the red ball.



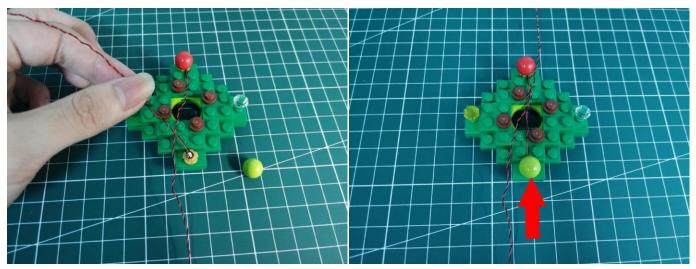
Disconnect the green ball from the leaf.



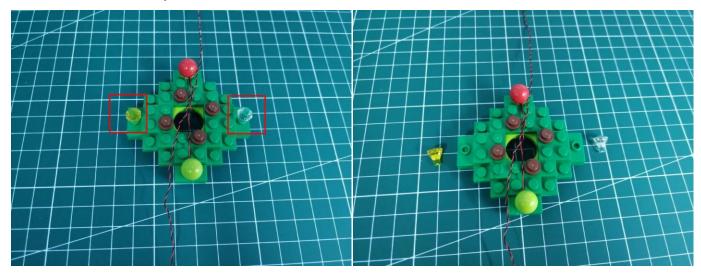
Take a green 15cm dot light.



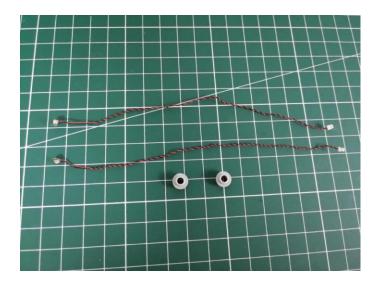
With lighting part facing up, reconnect the green ball.



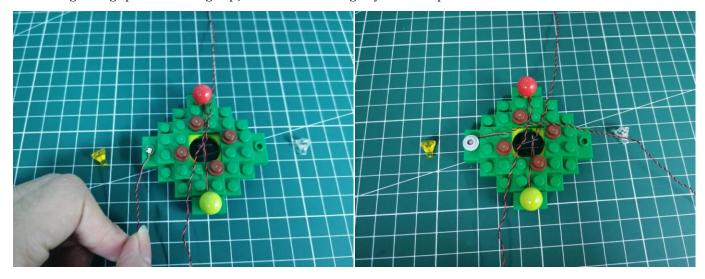
Disconnect the 2 crystals from the leaf.



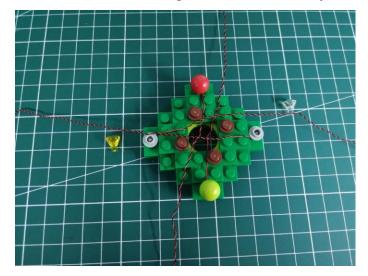
Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



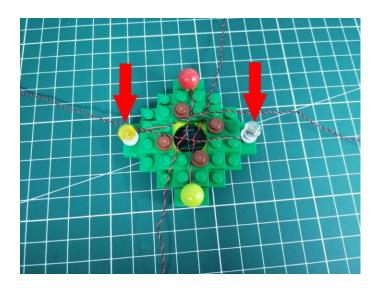
With lighting part facing up, connect the gray round plate with hole over.



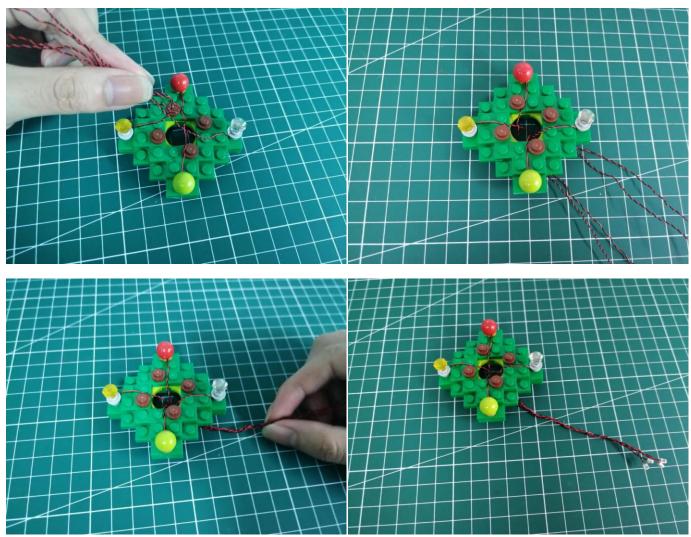
Install the other light in the same way.



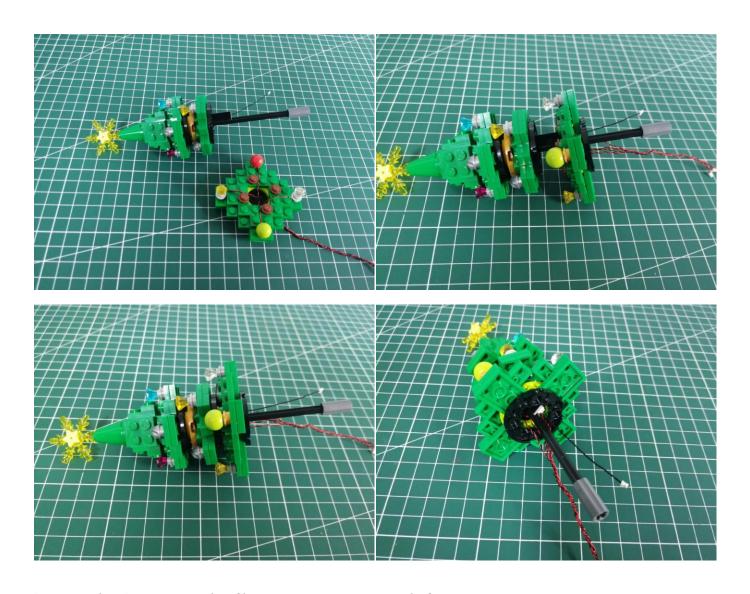
Reconnect the 2 crystals.



Place the 4 cables inside the hole, and group the 4 cables together as per below.



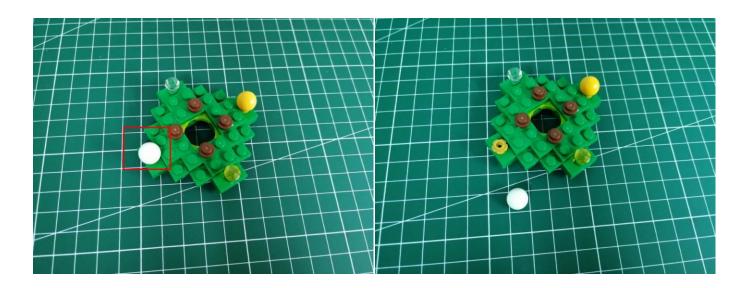
Connect the part 4 to the spindle as per below.



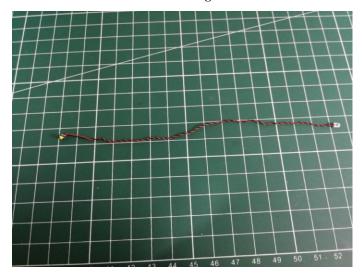
Remove the 5 part of the Christmas tree as per below.



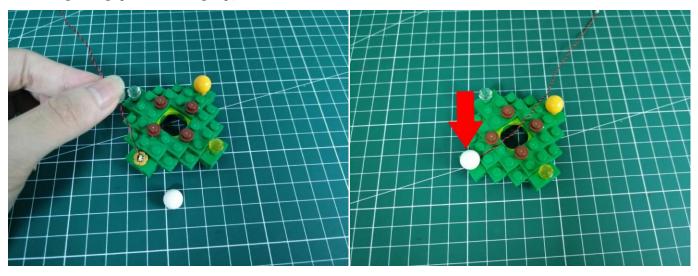
Disconnect the white ball from the leaf.



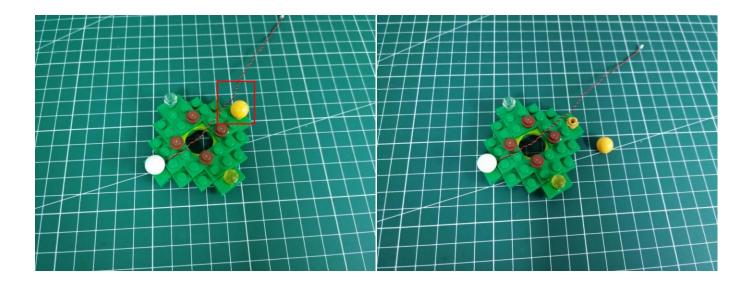
Take a white 15cm dot light.



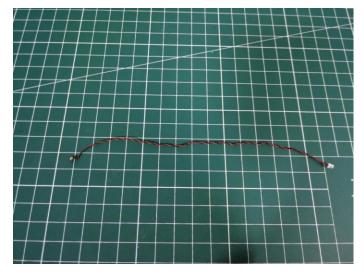
With lighting part facing up, reconnect the white ball.



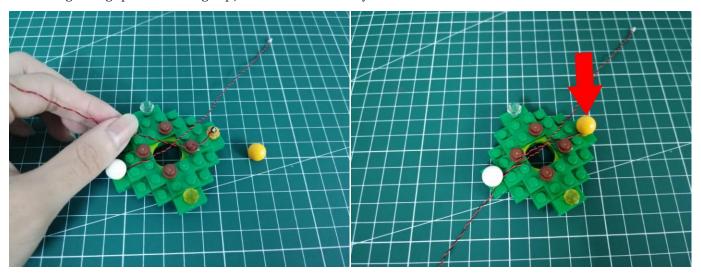
Disconnect the yellow ball from the leaf.



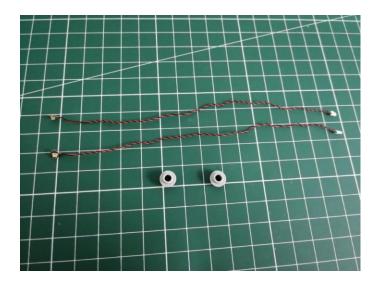
Take a yellow 15cm dot light.



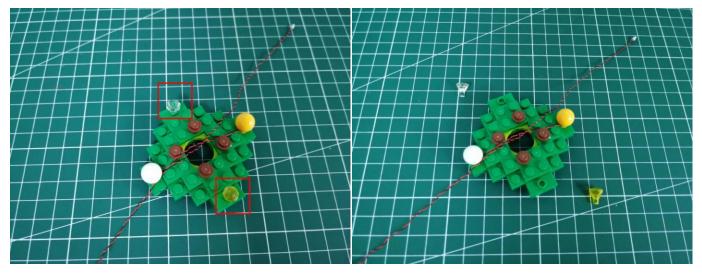
With lighting part facing up, reconnect the yellow ball.



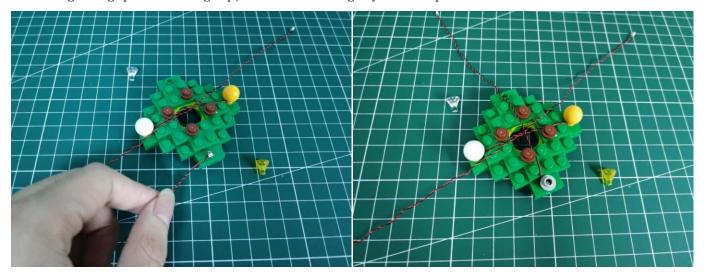
Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates



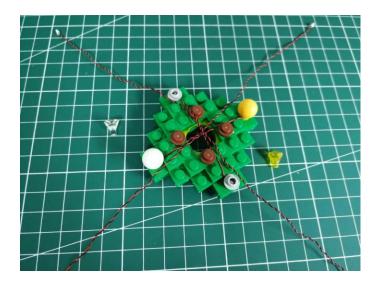
Disconnect the 2 crystals from the leaf.



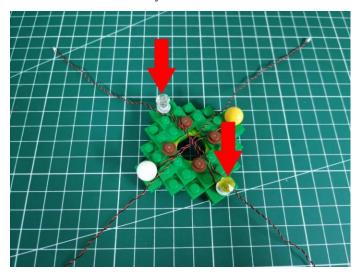
With lighting part facing up, connect the gray round plate with hole over.



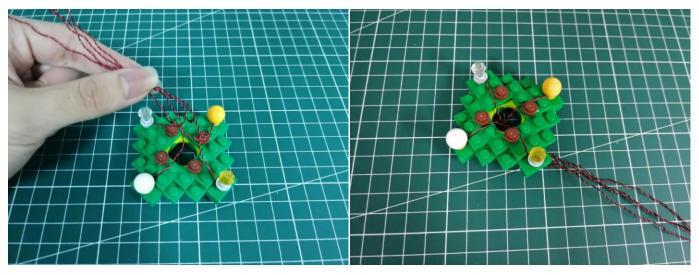
Install the other light in the same way.

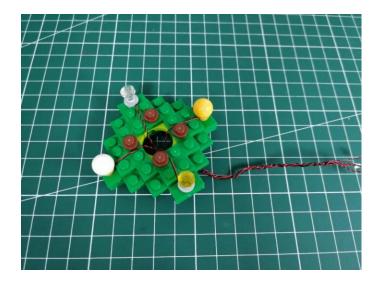


Reconnect the 2 crystals.

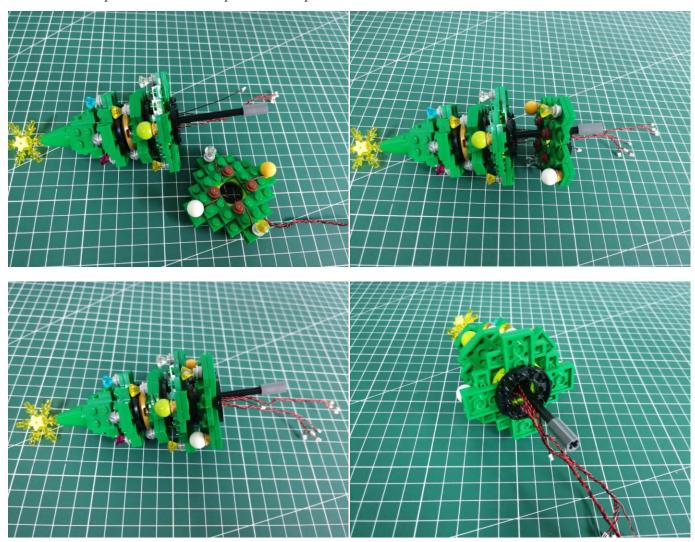


Place the 4 cables inside the hole, and group the 4 cables together as per below.

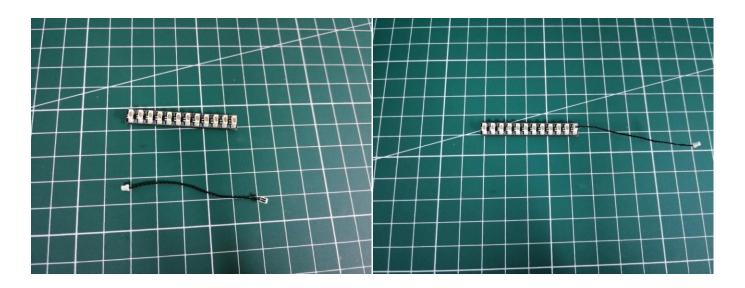




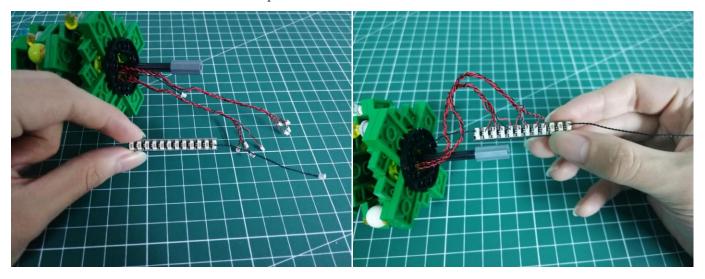
Connect the part 5 to the spindle as per below.



Take a 5cm connecting cable, a 12-port expansion board, assemble them as per below.



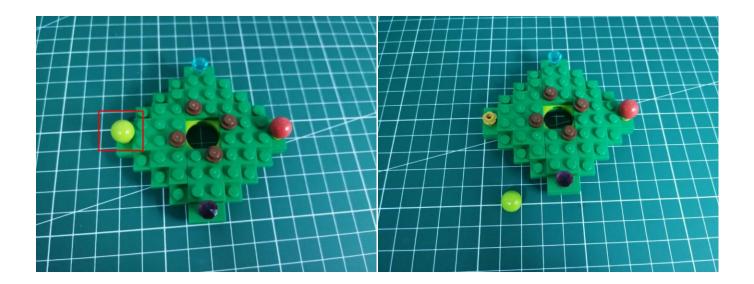
Connect all the cables to the expansion board.



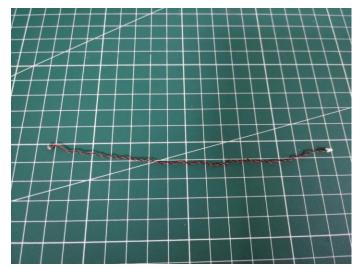
Remove the 6 part of the Christmas tree as per below.



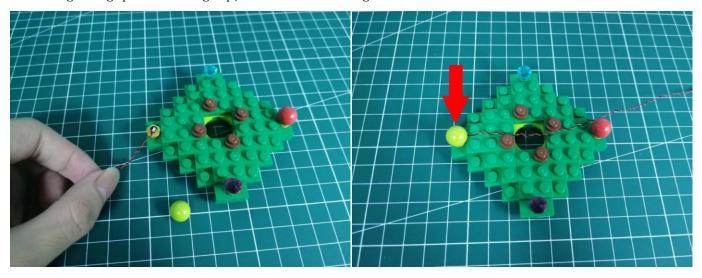
Disconnect the green ball from the leaf.



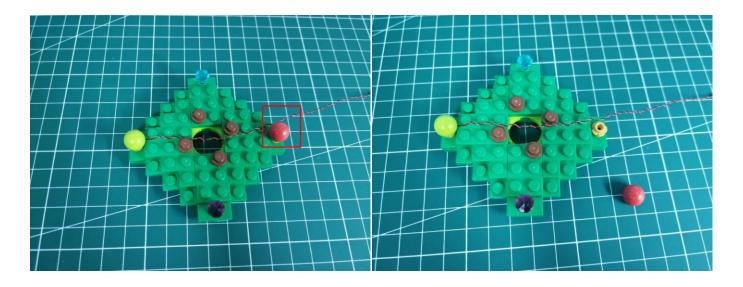
Take a green 15cm dot light.



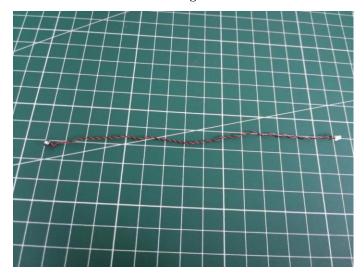
With lighting part facing up, reconnect the green ball.



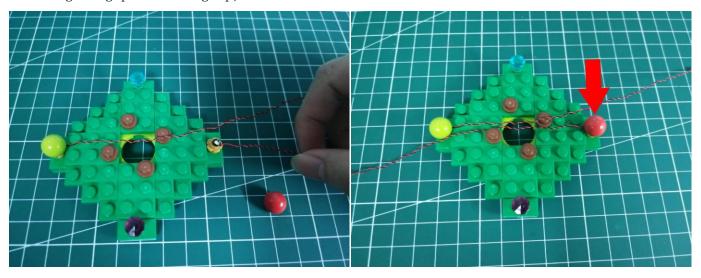
Disconnect the red ball from the leaf.



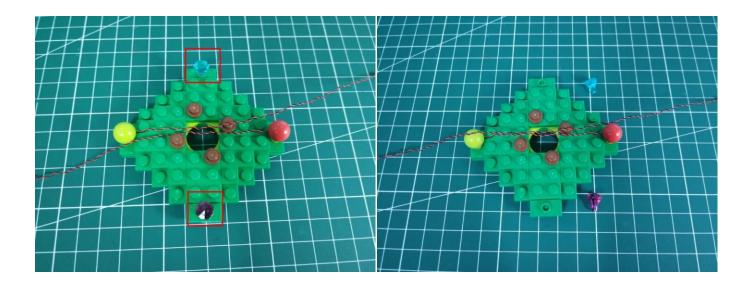
Take a red 15cm dot light.



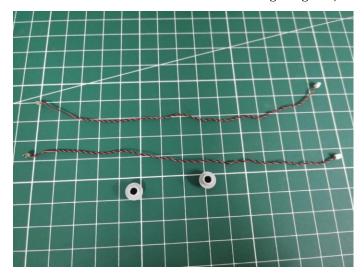
With lighting part facing up, reconnect the red ball.



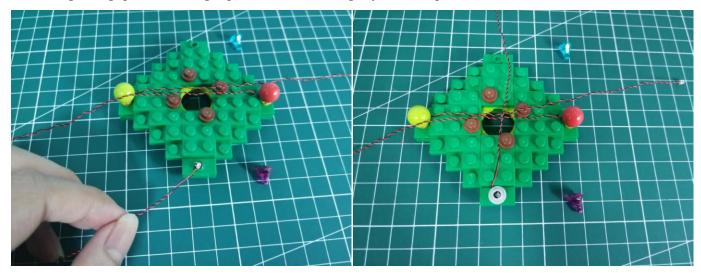
Disconnect the 2 crystals from the leaf.



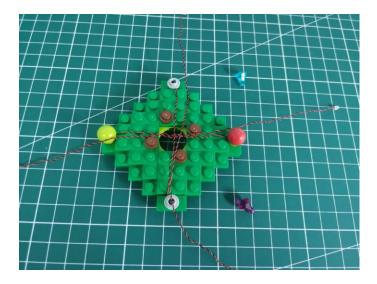
Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



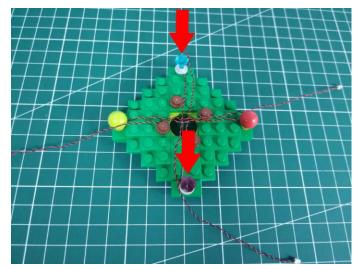
With lighting part facing up, connect the gray round plate with hole over.



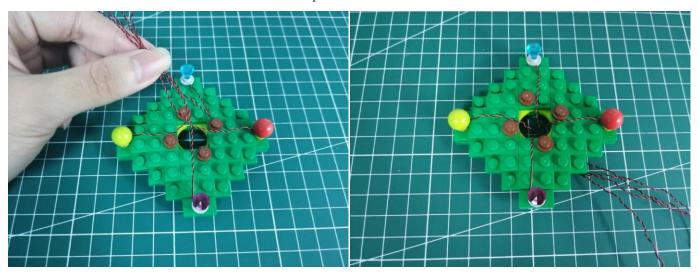
Install the other light in the same way.



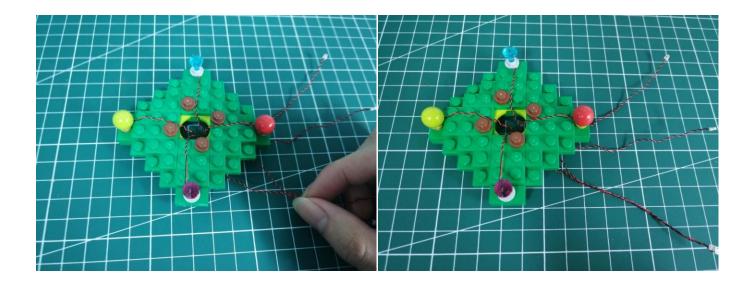
Reconnect the 2 crystals.



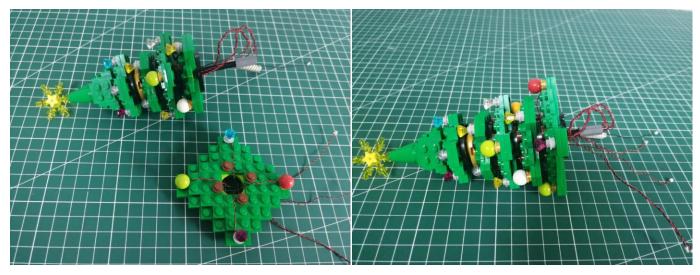
Place the 4 cables inside the hole as per below.



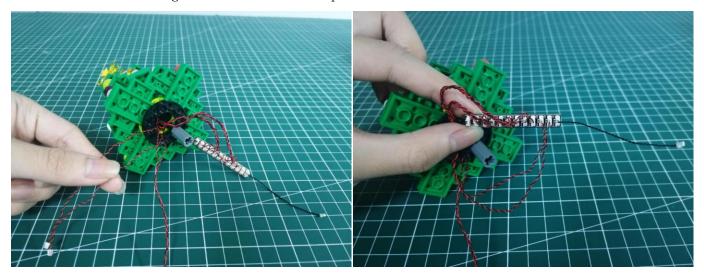
Group any 2 cables together.



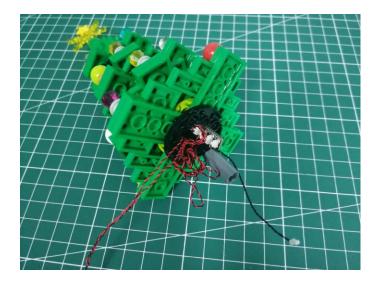
Connect the part 6 to the spindle as per below.



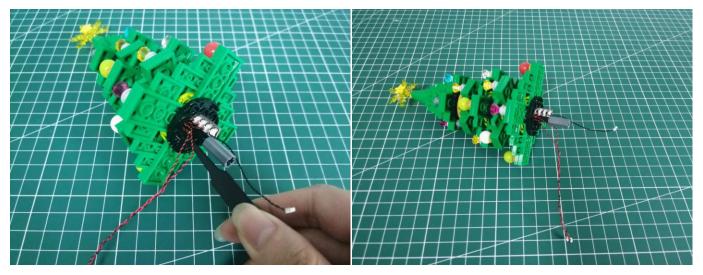
Connect the following 2 cables to the expansion board.



Tuck the expansion board and the cables inside the hole as per below.



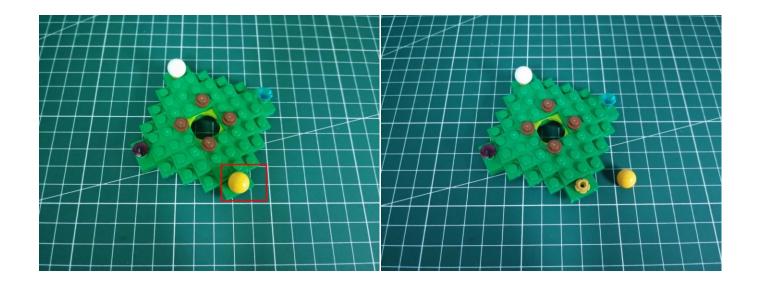
Tuck them with the tweezer as per below.



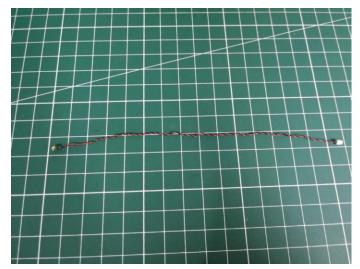
Remove the 7 part of the Christmas tree as per below.



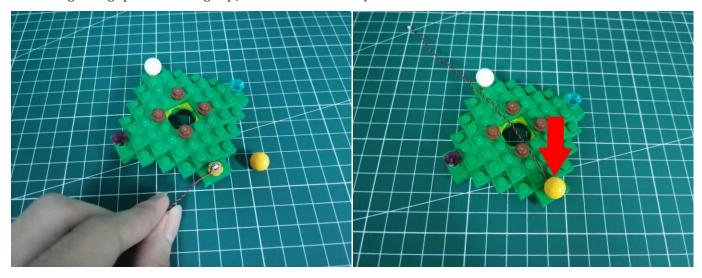
Disconnect the yellow ball from the leaf.



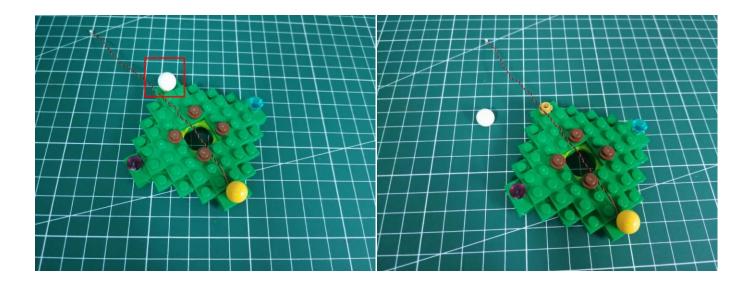
Take a yellow 15cm dot light.



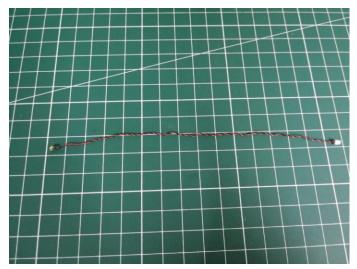
With lighting part facing up, reconnect the yellow ball.



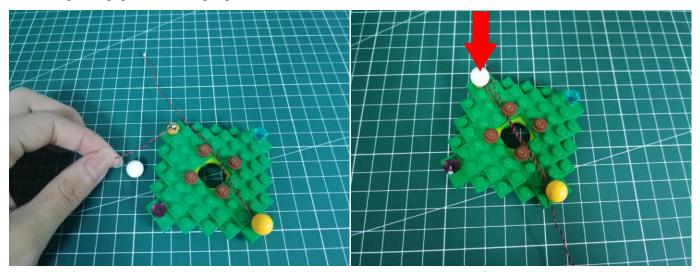
Disconnect the white ball from the leaf.



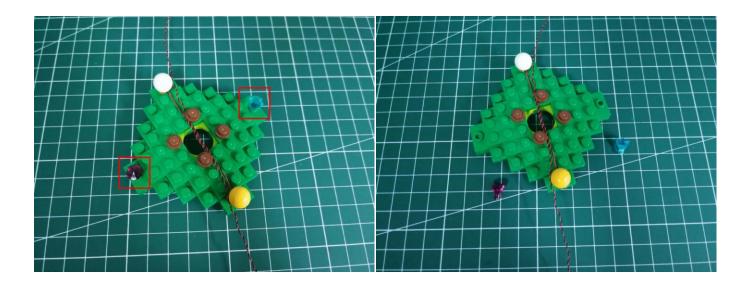
Take a white 15cm dot light.



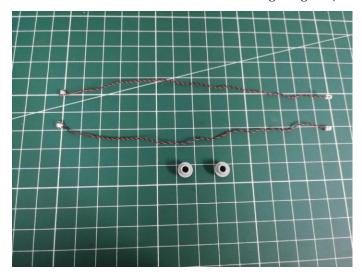
With lighting part facing up, reconnect the white ball.



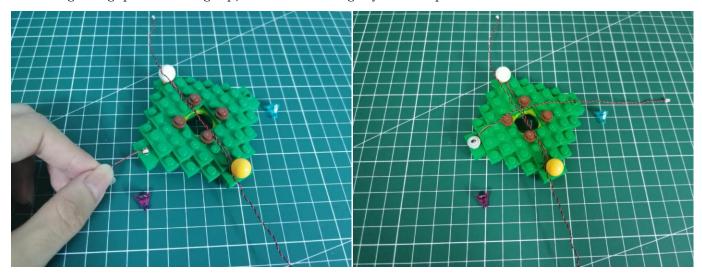
Disconnect the 2 crystals from the leaf.



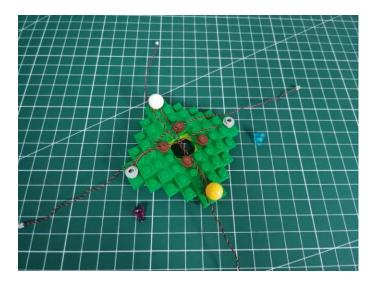
Take 2 Multi Colour 15cm Flashing Lights, 2 gray 1x1 round plates.



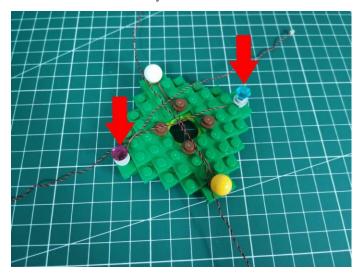
With lighting part facing up, connect the gray round plate with hole over.



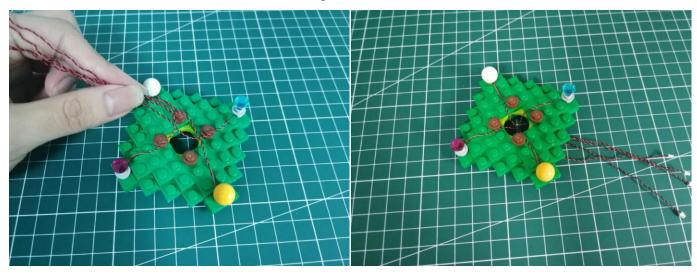
Install the other light in the same way.



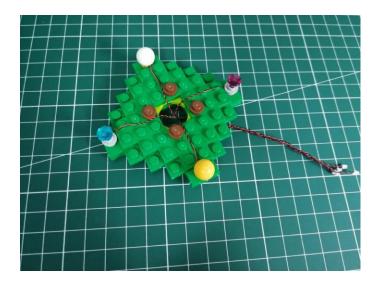
Reconnect the 2 crystals.



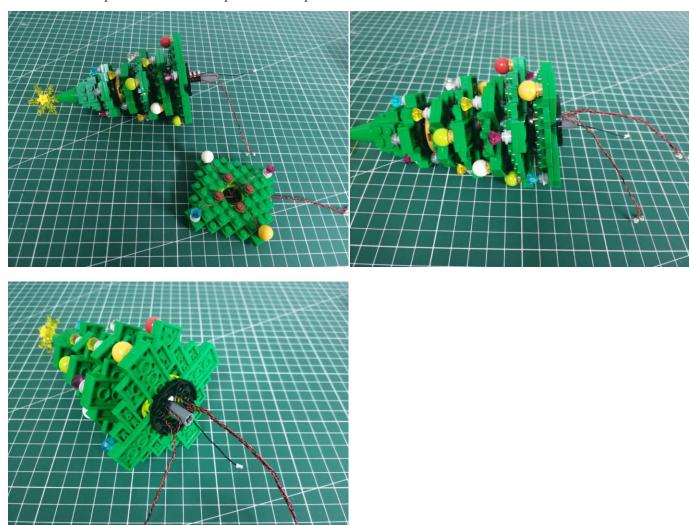
Thread the 4 cables inside the hole as per below.



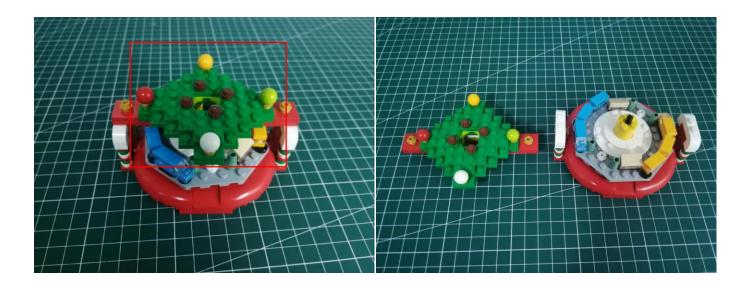
Group the 4 cables together as per below.



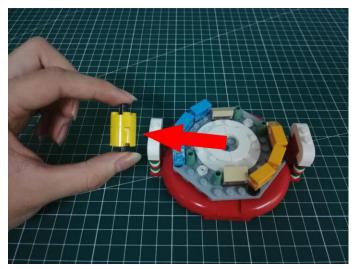
Connect the part 7 to the spindle as per below.



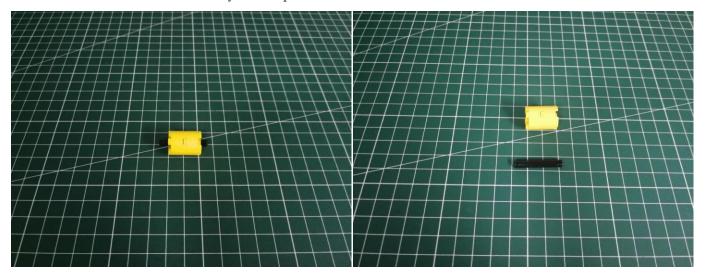
Remove the 8 part of the Christmas tree as per below.



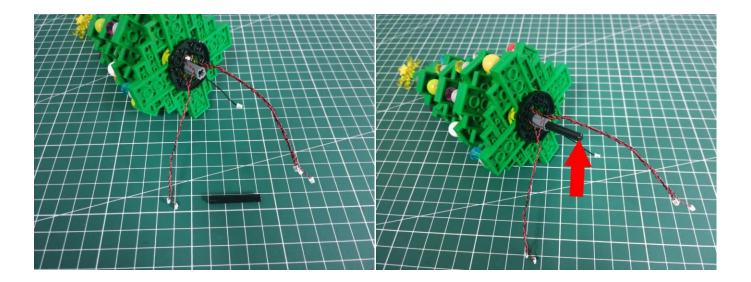
Remove the following yellow piece from the base.



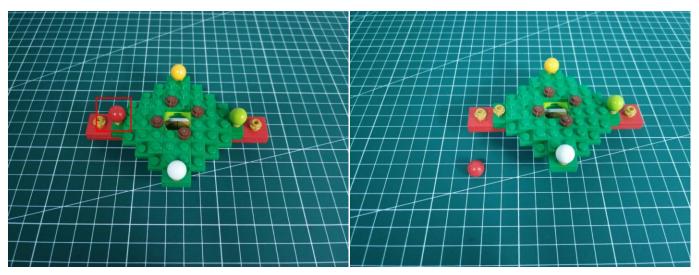
Remove the bolt inside the yellow piece.



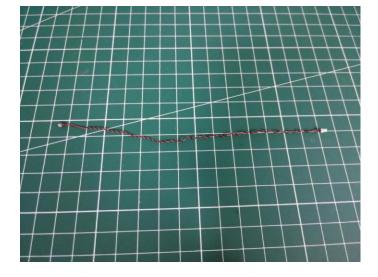
Connect the bolt to the tree as per below.



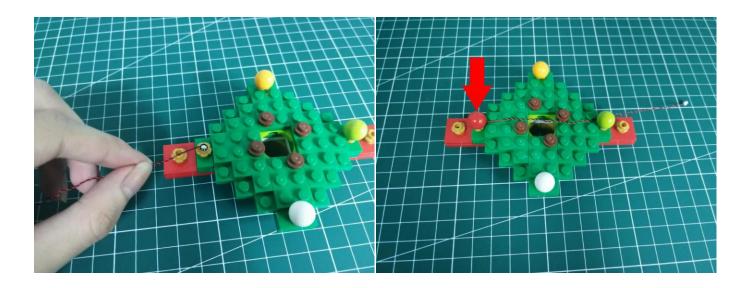
Disconnect the red ball from the leaf.



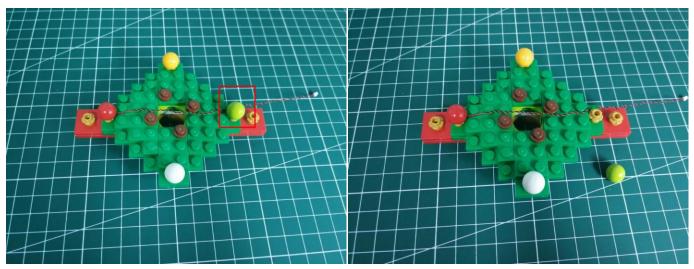
Take a red 15cm dot light.



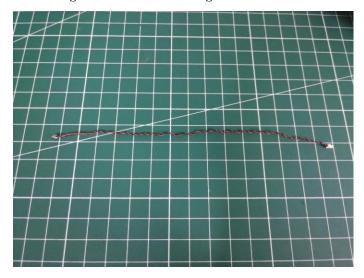
With lighting part facing up, reconnect the red ball.



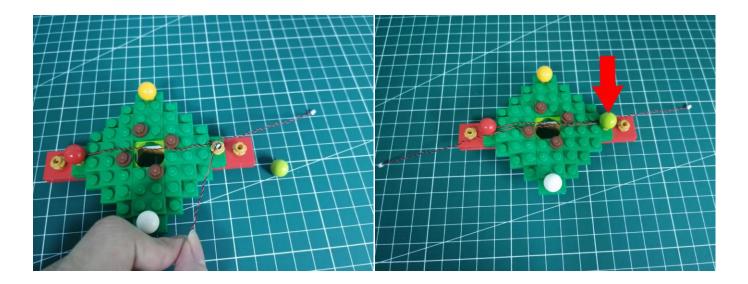
Disconnect the green ball from the leaf.



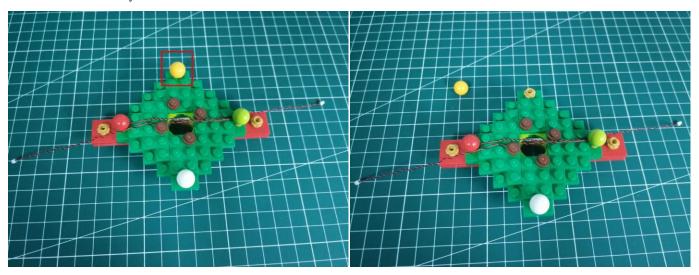
Take a green 15cm dot light.



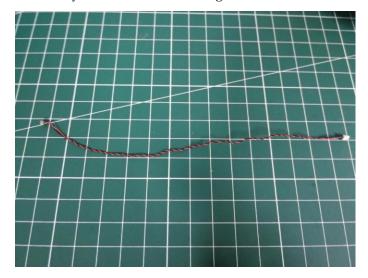
With lighting part facing up, reconnect the green ball.



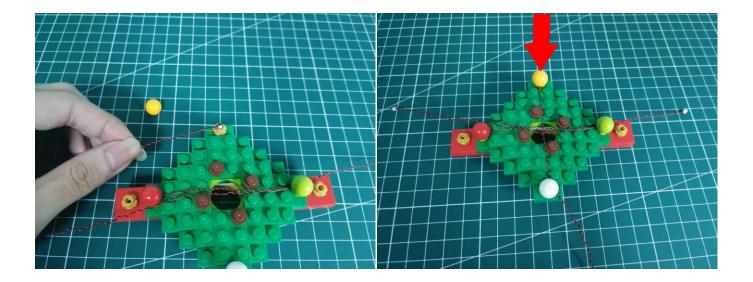
Disconnect the yellow ball from the leaf.



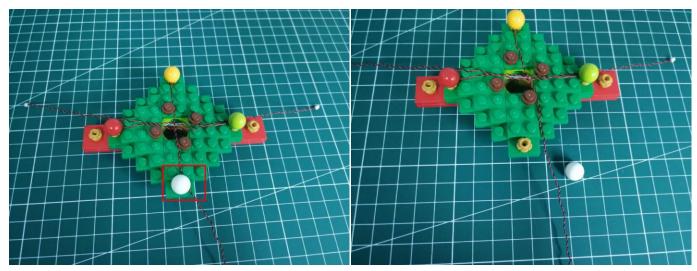
Take a yellow 15cm dot light.



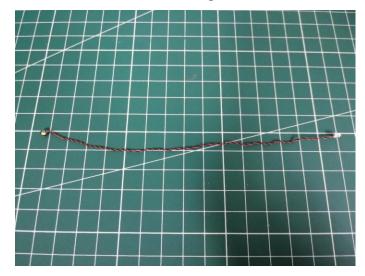
With lighting part facing up, reconnect the yellow ball.



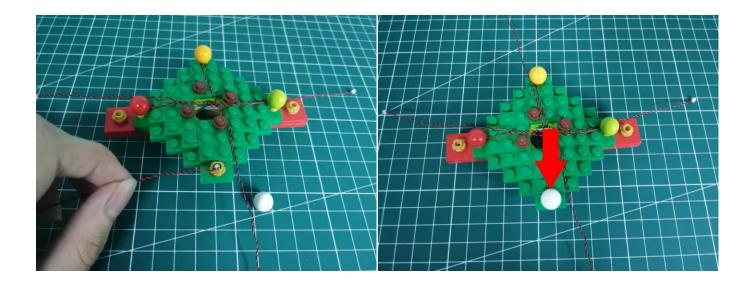
Disconnect the white ball from the leaf.



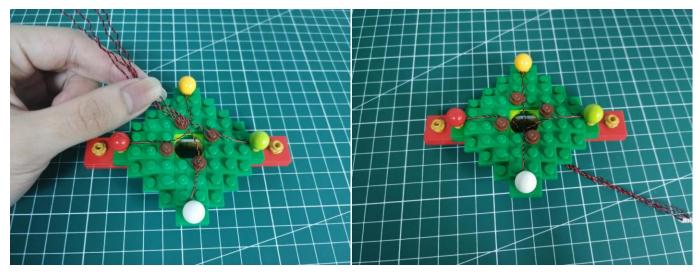
Take a white 15cm dot light.



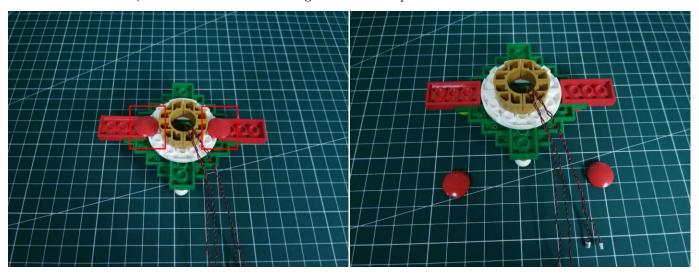
With lighting part facing up, reconnect the white ball.



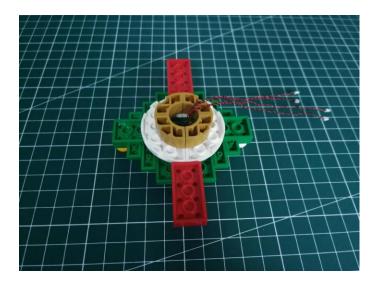
Thread the 4 cables inside the hole as per below.



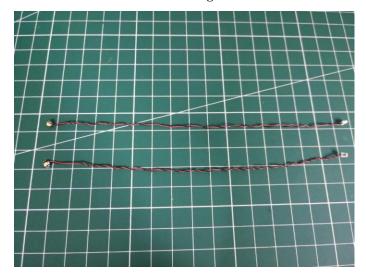
Turn to the back, remove the following red round plate.



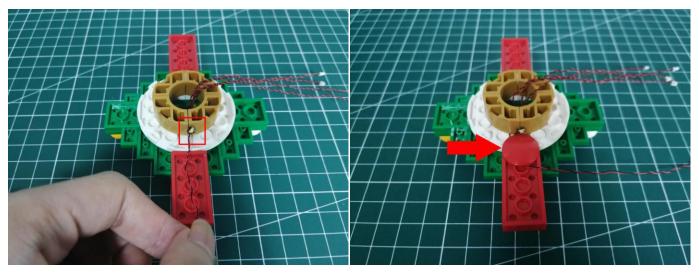
Turn to the following place.



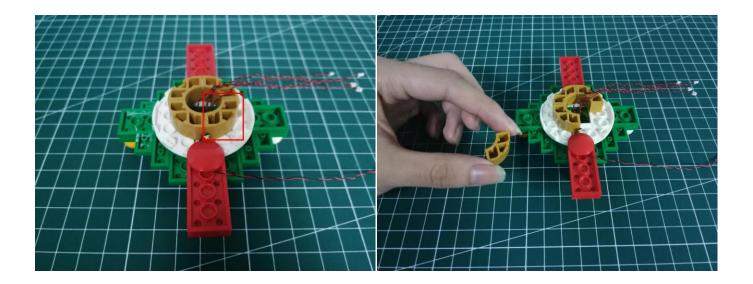
Take 2 warm white dot lights.



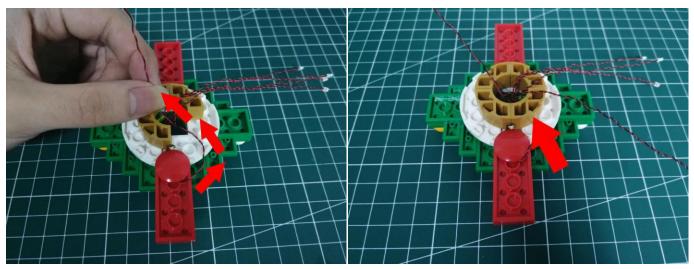
Place the light as per below, reconnect the red round plate.



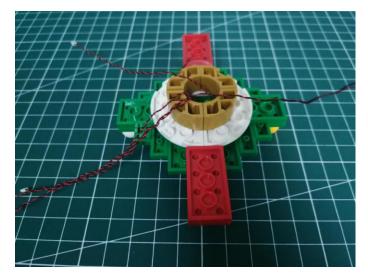
Remove the following yellow piece.



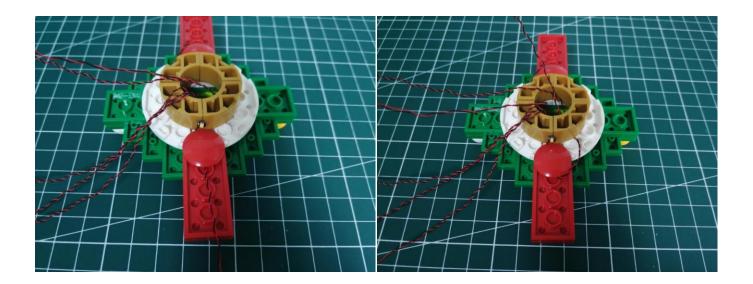
Place the cable as per below, reconnect the yellow piece.



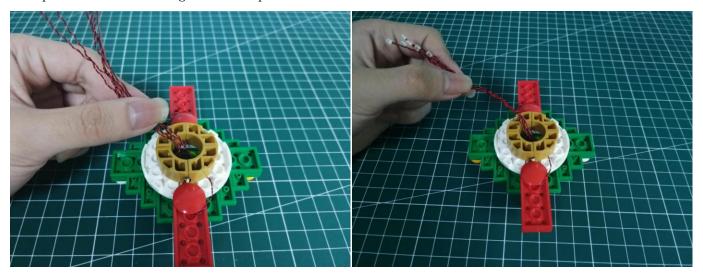
Turn to the other side of the tree.



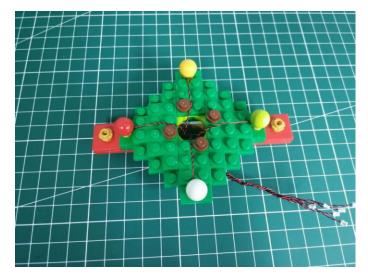
Install the lights in the same way.



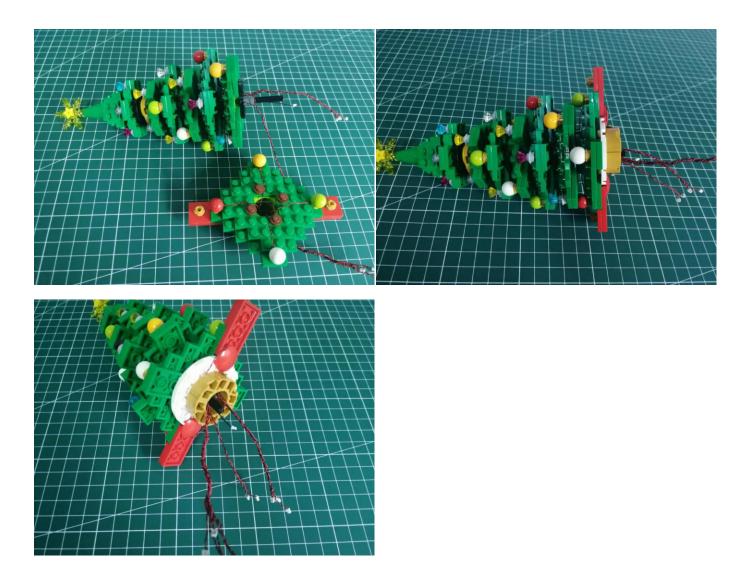
Group the 6 cables together as per below.



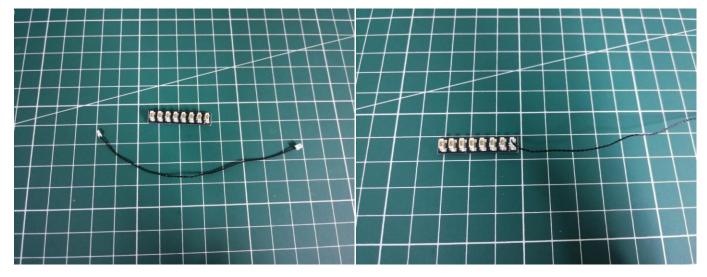
Turn to the front.



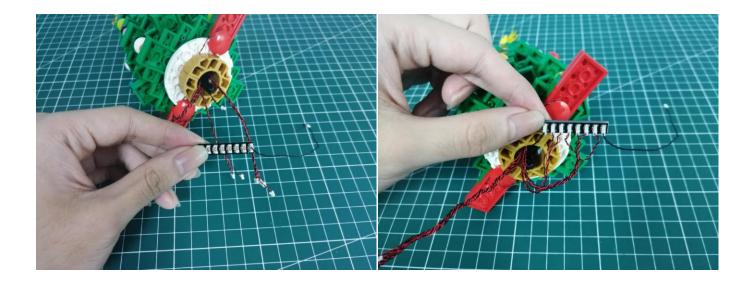
Connect the part 8 to the spindle as per below.



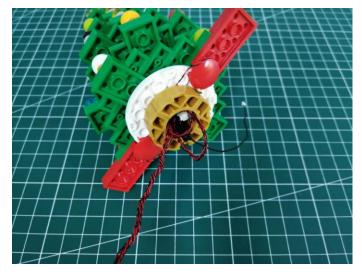
Take a 10cm connecting cable, an 8-port expansion board, assemble them as per below.



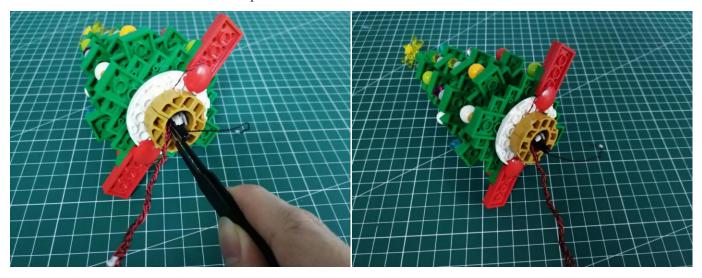
Connect the following connecting cable and the 6 cables to the expansion board.



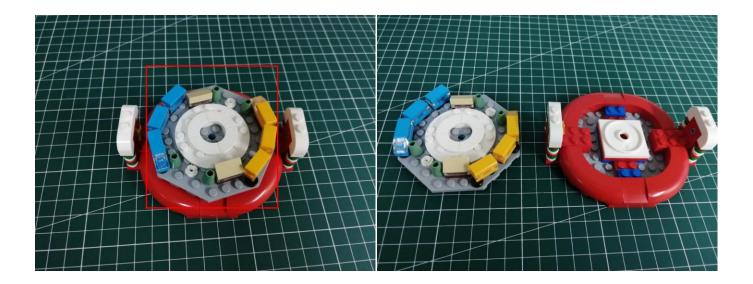
Tuck the expansion board and the cables inside the hole as per below.



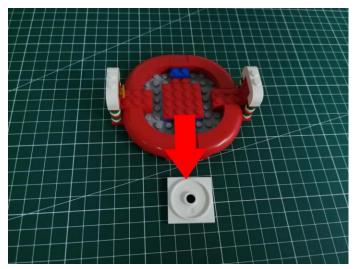
Tuck them with the tweezer as per below.



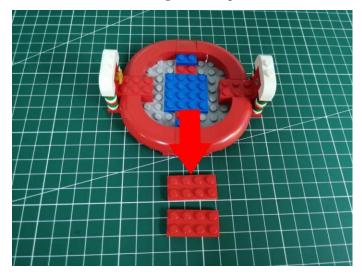
Remove the following piece.



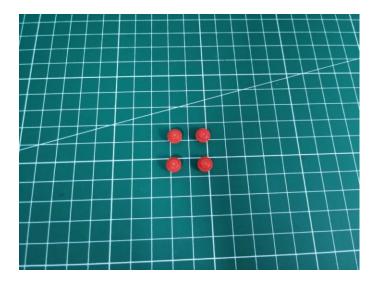
Remove the following white piece.



Remove the following 2 red pieces.



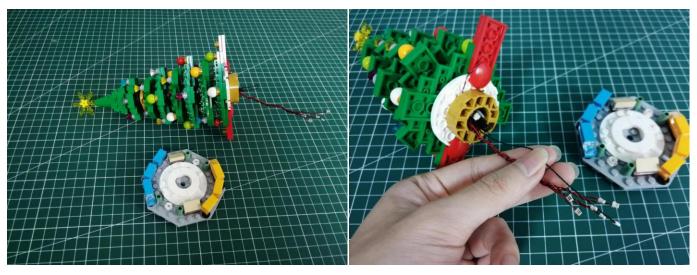
Take 4 red round plates.

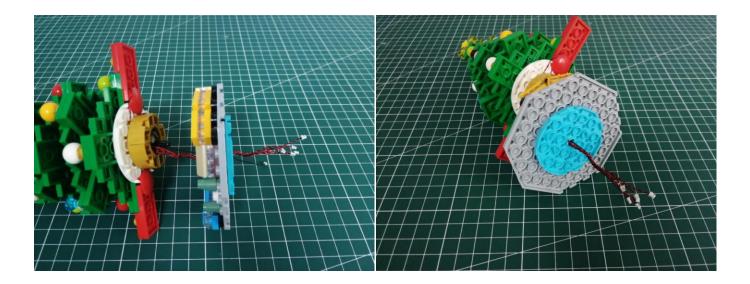


Connect them to the following places.

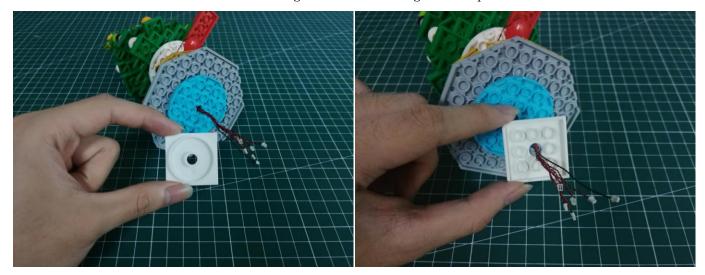


Thread the cables from the tree through the following piece as per below.

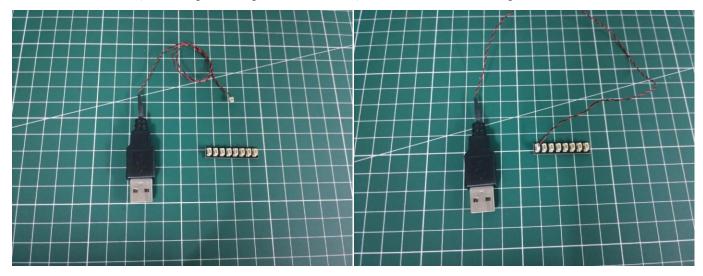




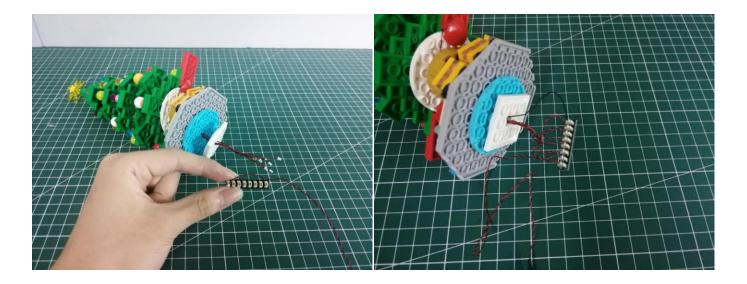
Continue to thread the cables through the following white piece.



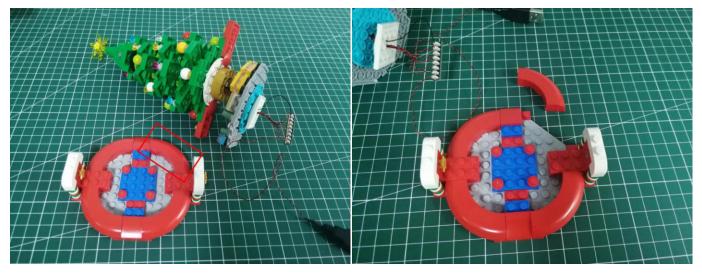
Take a USB cable, an 8-port expansion board, assemble them as per below.



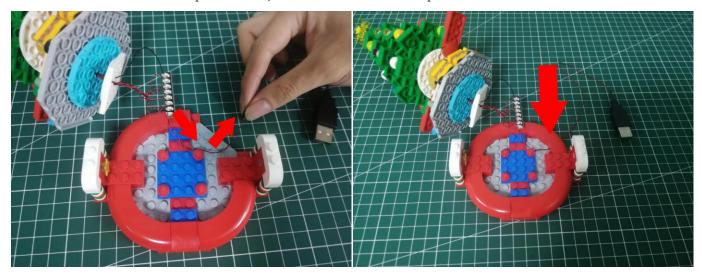
Connect all the cables to the expansion board, and connect the following piece to the tree.



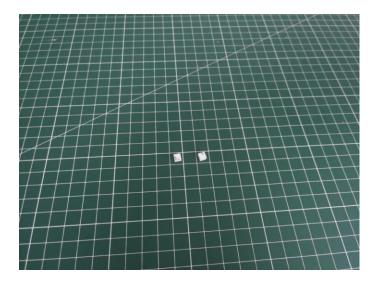
Remove the following red piece.



Place the USB cable as per below, reconnect the red piece.



Take 2 adhesive squares.



Stick them to the back of the expansion board, stick the expansion board to the following place.



Secure the tree to the piece as per below.



This completes installation of this LED Lighting Kit. ENJOY!



The above are ideas and instructions provided by our designers. Please move on:

- 1: Do you have any suggestions about the material and quality of our products?
- 2: Do you have any suggestions on the installation instructions and the degree of difficulty of the installation?
- 3: If you have better installation method and ideas, please contact us in time.