

Let's make it using wireless power supply!

What to use

-Experimental kit set



What to prepare

-When making a lantern

-Bottle (with a lid not made of metal)

-Glue

-Decorative accessories (things that do not contain metal)



It is dangerous, so be sure to unplug the power when preparing or not using it.

When making a lantern

- 1) Attach adhesive to the power transmission coil. Double-sided tape is also OK.
- 2) Glue it to the inside of the petri dish and let it dry thoroughly.
- 3) The power transmission pedestal is completed by placing the coil on top!
- 4) Decorate freely with non-metal stickers and magic markers!
- 5) Put the prepared decorative items into the jar.
- 6) Let's put water in the bottle (it will shine beautifully).
- 7) The coil with power receiving LED to the lid tightly to prevent water from heating!
- 8) Once dry, close the lid tightly to prevent water from heating!
- 9) Complete Let's display it on a pedestal!

You can make a variety of things by applying what you learned from experiments and how to make lanterns!



astronomical observation set



glowing stirrer



glitter hourglass



treasure hunt game



glowing doll



glowing accessories



glowing model decoration



glowing snow globe

Wireless Power Transfer Experiment

B10-4117-W0



Learn while experiencing advanced technology!

Everyone from children and adults can enjoy!

Variety creations depending on your ideas.

Do you know anything that uses wireless power transfer near you? With this kit, you can learn how wireless power transfer works. Let's try an experiment to find out why electricity can pass even if you don't touch it!

! Precautions for use Please be sure to read before use (For parents, please be sure to read)

- This product is designed for educational purposes. Please do not incorporate it into actual products.
- Children under 9 years old must be supervised by a parent or guardian when performing experiments.
- Small parts are contained. Never put them in your mouth.
- Please be sure to disconnect the power during production.
- Do not remove the cover covering the power transmission board. There is a risk of electric shock or malfunction.
- The power transmission board is not waterproof, so never put it in water.
- It does not support charging of smartphones, so please keep them away from it.
- If you turn on the power without a coil attached, the power transmission section will generate heat. Be sure to connect the power supply with the coil attached.
- Do not place any metal objects within 5 cm around the power transmission coil. There is a risk of overheating.
- In the event of an abnormality, the protection circuit will stop the operation and the power receiving LED coil will not light up.
- In that case, wait for a while after unplugging the power, then check that the coil is attached properly and that there is no metal around it and then connect it again.

Kit contents

- 1) plastic plate
- 2) Tx (Transmitter) coil
- 3) coil wire
- 4) Receiver coil LED (5 pcs)
- 5) Oscillator of Tx Coil (do not use without coil connected)



Things to prepare: For experiment

- Cylindrical (used for winding coils)
 - tape
 - coil wire
 - Paper (used as a mount for pasting the coil)
 - Double-sided tape (wide type is recommended)
 - writing utensils
 - USB power adapter (maximum output 1A or more)
- Please prepare the parts according to the product.