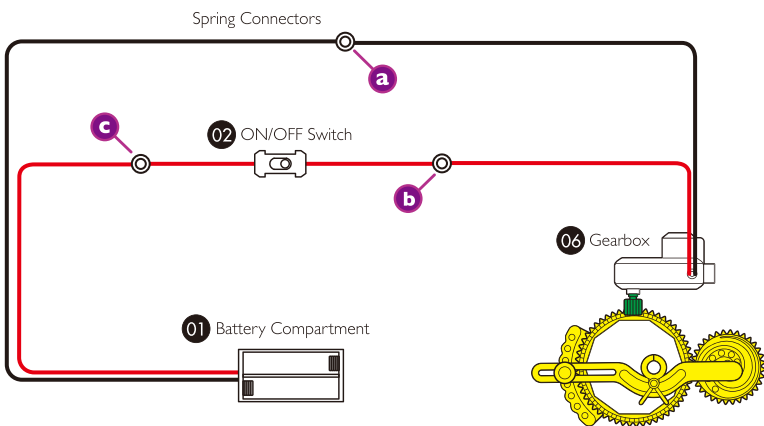


Basic connection principle

Wiring connections	Spring (a)	Spring (b)	Spring (c)
Battery Compartment (01)	black		red
ON/OFF Switch (02)		red	red
Gearbox (06)	black	red	

How to play

Insert x 2 AA batteries into the battery compartment. Turn the switch ON. Place a piece of the shaped paper on the big gear (Fig.10). Place the pen in the drawing arm (Fig.12). By installing the drawing arm into different holes, different patterns can be drawn. Test out the results of different patterns and different colours!



Ensure all wires are correctly connected to the battery terminals and spring connectors as stated wiring sequence and connection. Bend the spring terminal over and insert the exposed shiny conductor part of the wire into the spring terminal. Make sure the wire is securely connected to the spring terminal.

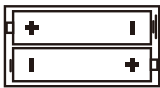


If the circuit does not work, you can check the wire and spring terminal connection whether they are not well connected or the insulated plastic part of the wire has been wrongly inserted to the spring terminal.

Warning! Adult supervision is required to check the wiring and battery polarity prior to final connection to the power supply. Failure to do so may cause overheating. Locking the motor or other moving parts may damage components and may cause overheating.


Changing the batteries

Requires 2 x 1.5V AA batteries, not included



To change the batteries, take out the old batteries from the battery compartment, and then replace them with new batteries.


For best performance, always use fresh batteries and remove batteries when not in use. Batteries must be inserted with the correct polarity. Non-rechargeable batteries are not to be recharged. Re-chargeable batteries are only to be charged under adult supervision. Re-chargeable batteries are to be removed from the toy before being charged. Different types of batteries or new and used batteries are not to be mixed. Exhausted batteries are to be removed from the toy. The supply terminals are not to be short-circuited. Only batteries of the same or equivalent types are to be used. Do not dispose of the batteries in fire. Do not mix old and new batteries. Do not mix alkaline, carbon zinc and re-chargeable batteries.

This symbol  indicates that batteries should not be disposed of in the normal household waste but taken to appropriate local recycling facilities, where and when these are available. Never throw batteries in a fire or attempt to open outer casing.

Warnings!
Adult supervision and assistance is required.
Not suitable for children under 3 years: small part / components – Choking hazard
This unit is only for use by children aged 8 years and older.
This toy contains small parts and functional sharp points on components. Keep away from children under age 3 years.

Caution!

Before setting up this unit, please double check and make sure all wiring connections you have made are correct before inserting batteries and switching on the unit as failure may result in damage to components or the unit. When experiment is finished, make sure the batteries are disconnected and switch off the unit before you clear away the wires. Do not apply any components or parts to the unit other than those provided with this kit. Do not lock the motor or other moving parts. Otherwise it may cause overheating. The toy is not to be connected to more than the recommended number of power supplies.

This symbol  indicates that batteries should not be disposed of in the normal household waste but taken to appropriate local recycling facilities, where and when these are available. Never throw batteries in a fire or attempt to open outer casing. This product should not be treated as normal household waste and it should be recycled. John Lewis do not operate in-store take back, but as members of the Distributor Take Back scheme have funded the development and upgrade of recycling facilities across the UK. Please take it to your nearest collection facility or for further details contact your local council or visit www.recycle-more.co.uk.

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Please retain these instructions for future reference

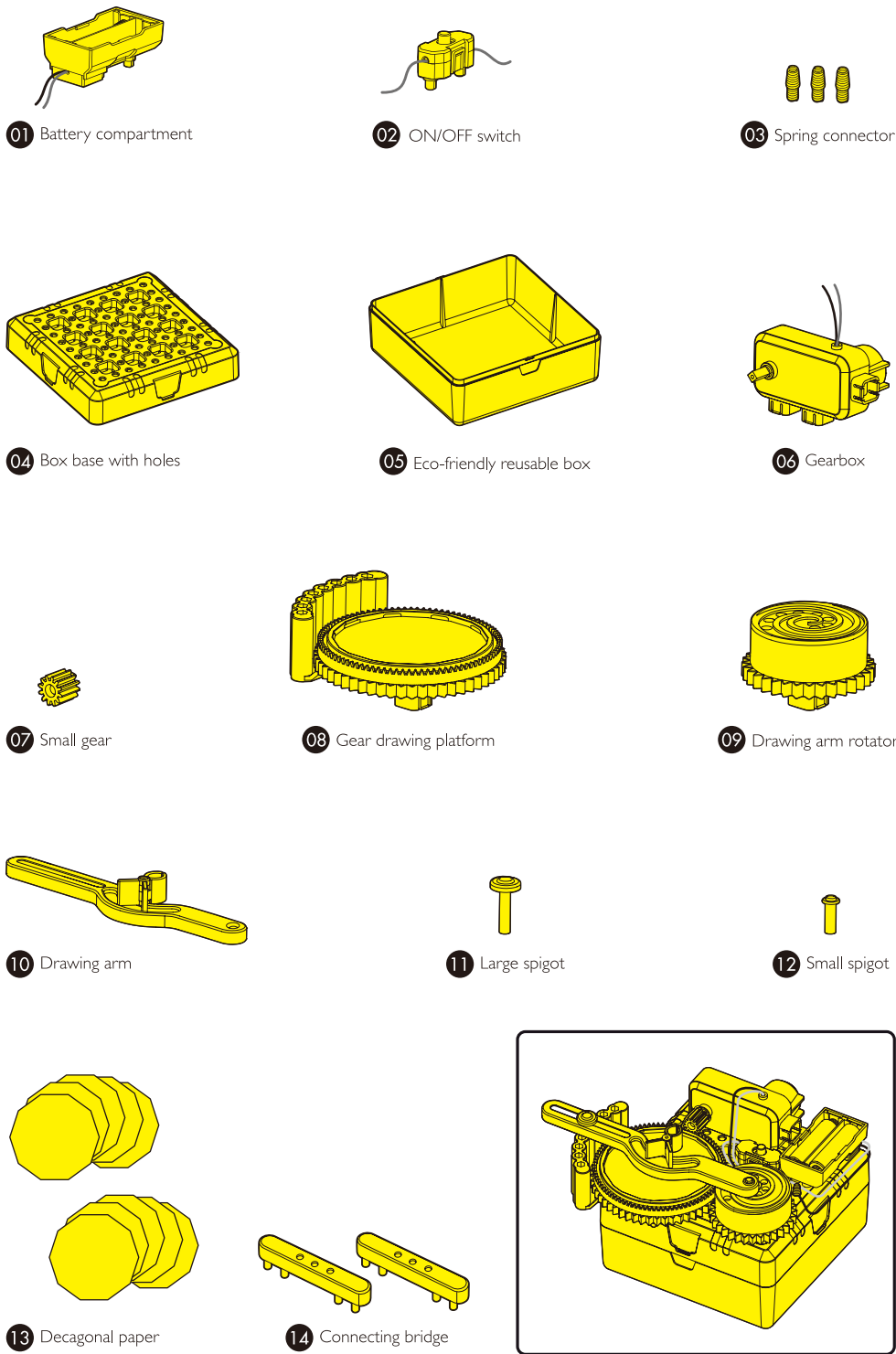
Build your own
Spiral drawing kit

Thank you for purchasing this toy. Please read the instructions and warnings carefully before use to ensure safe and satisfactory operation of this product.

Parts list

Description	Quantity
01 Battery compartment	1pc
02 ON/OFF switch	1pc
03 Spring connector	3pcs
04 Box base with holes	1pc
05 Eco-friendly reusable box	1pc
06 Gearbox	1pc
07 Small gear	1pc
08 Gear drawing platform	1pc
09 Drawing arm rotator	1pc
10 Drawing arm	1pc
11 Large spigot	1pc
12 Small spigot	1pc
13 Decagonal paper	10pcs
14 Connecting bridge	2pcs
15 Instruction manual	1pc

Note: Connecting bridge is only used when you want to connect the box base to other box bases to create a more complex layout.



Assembly instructions

