SCIENCE TEACHING MATERIALS

はくぶん

Compliant with the new course of study of the Ministry of Education, Culture, Sports, Science, and Technology

How Electric Current Works

SOCCER ROBO 2™

Use 2 D size batteries (sold separately)

SAFETY

Kick and move simultaneously

Safe and fast to operate

forward

FLEXIBLE OPERATION

backward

even on a desk

AIM AND SHOOT!

Patent pending

Time-saving

Reliability

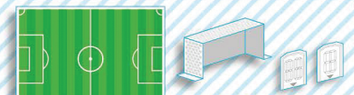
Entertaining

LEARN BY PLAYING

The decorative parts are on the flap of the box

COMPREHENSIVE WEB CONTENT!

Examples of customisation to make your own robot are available



Printable soccer set available on the website

https://hakubun-edu.com/soccer-robo-2/

Master the remote control!

Forward, backward, turning direction and kick timing are as you wish

Name Year Class

PRE-ASSEMBLED PARTS

NO PRELIMINARY PREPARATION IS REQUIRED!

YOU CAN START EXPERIMENTING RIGHT AWAY!

ASSIST

Easy to understand!

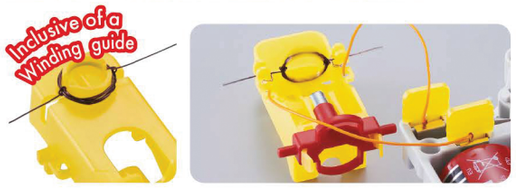
EXPLANATORY VIDEO

- ✓ Video showing how to perform the experiment is available
- ✓ Accessible via QR code in the manual

You can even do developmental studies!

COIL MOTOR

- ✓ Simple design for an easy hands-on approach
- ✓ Includes a special motor box



PRECISE

NEW Invention!

Setup that does not attach metal directly to electromagnets

- ✓ You can experiment without worrying about the magnetization of metal

ACCURATE EXPERIMENTAL RESULTS!

Which electromagnet can suspend more?

From Experiment 2

Please check and make sure you have everything you need.
After confirming, put a ✓ (check) in the □ box.

Parts Name	Check	Parts Name	Check
Battery box	□	Soccer robot body / remote control	□
Coil (yellow) (approx. 100 windings)	□	Coil (white) (approx. 200 windings)	□
Magnets & Holders	□	Compass	□
Plastic core	□	Connector component	□
Conductor with plugs on both sides	□	Conductor with a plug on one side... 2	□
Iron core... 2	□	Hanging platform	□
Paper clips... approx. 14	□		
Sandpaper	□	Hook... 2	□
Motor box	□	Ball	□

Please use manganese batteries for this material
Always remove the batteries after learning

Cutting line

For the left side of the body

For the right side of the body

To be used on part that is bouncing up and down when the robot is moving

Decorative parts