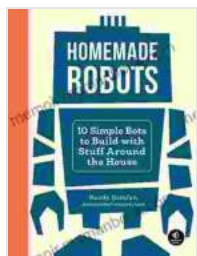


# 10 Simple Bots To Build With Stuff Around The House

Looking for a fun and educational project to do with the kids? Look no further! These 10 simple bots can be built with everyday household items, and they're a great way to teach kids about science, engineering, and robotics.

## 1. Cardboard Box Robot

This is the simplest bot on the list, and it's perfect for young children. All you need is a cardboard box, some markers, and a few other basic supplies. Simply decorate the box to look like a robot, and then add some wheels or legs so it can move.

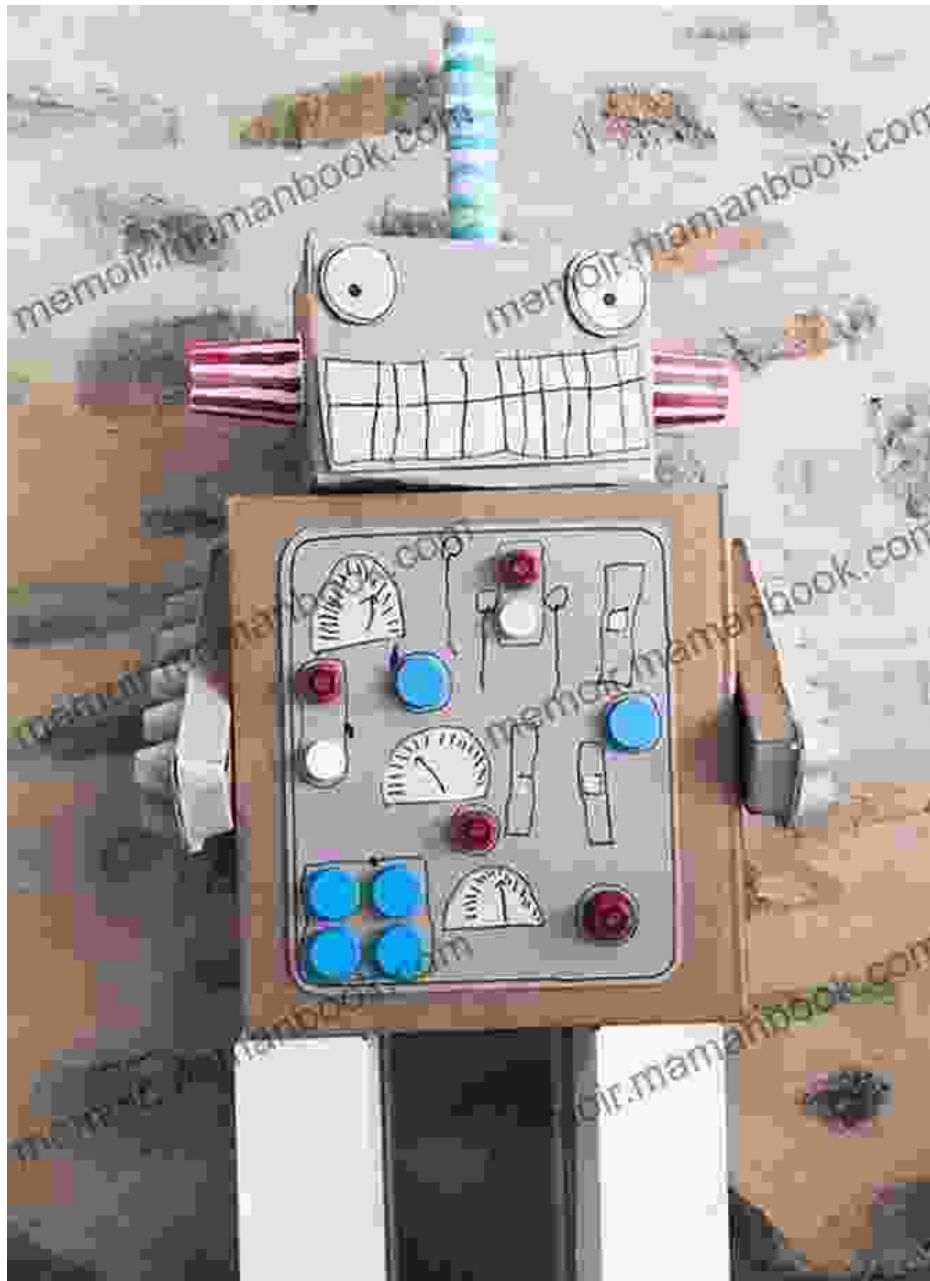


## Homemade Robots: 10 Simple Bots to Build with Stuff Around the House by Randy Sarafan

★★★★☆ 4.6 out of 5

Language : English  
File size : 23535 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 176 pages





## 2. Straw Rocket

This bot is a little more challenging to build, but it's still a great project for kids of all ages. You'll need a straw, a piece of paper, and some tape. Simply tape the paper to the straw, and then blow into the straw to launch the rocket.



### 3. Bottle Cap Spinner

This bot is a simple but fun way to teach kids about centrifugal force. You'll need a bottle cap, a straw, and a piece of string. Simply tape the straw to the bottle cap, and then spin the straw. The bottle cap will spin around the straw, and it will stay spinning for a long time.



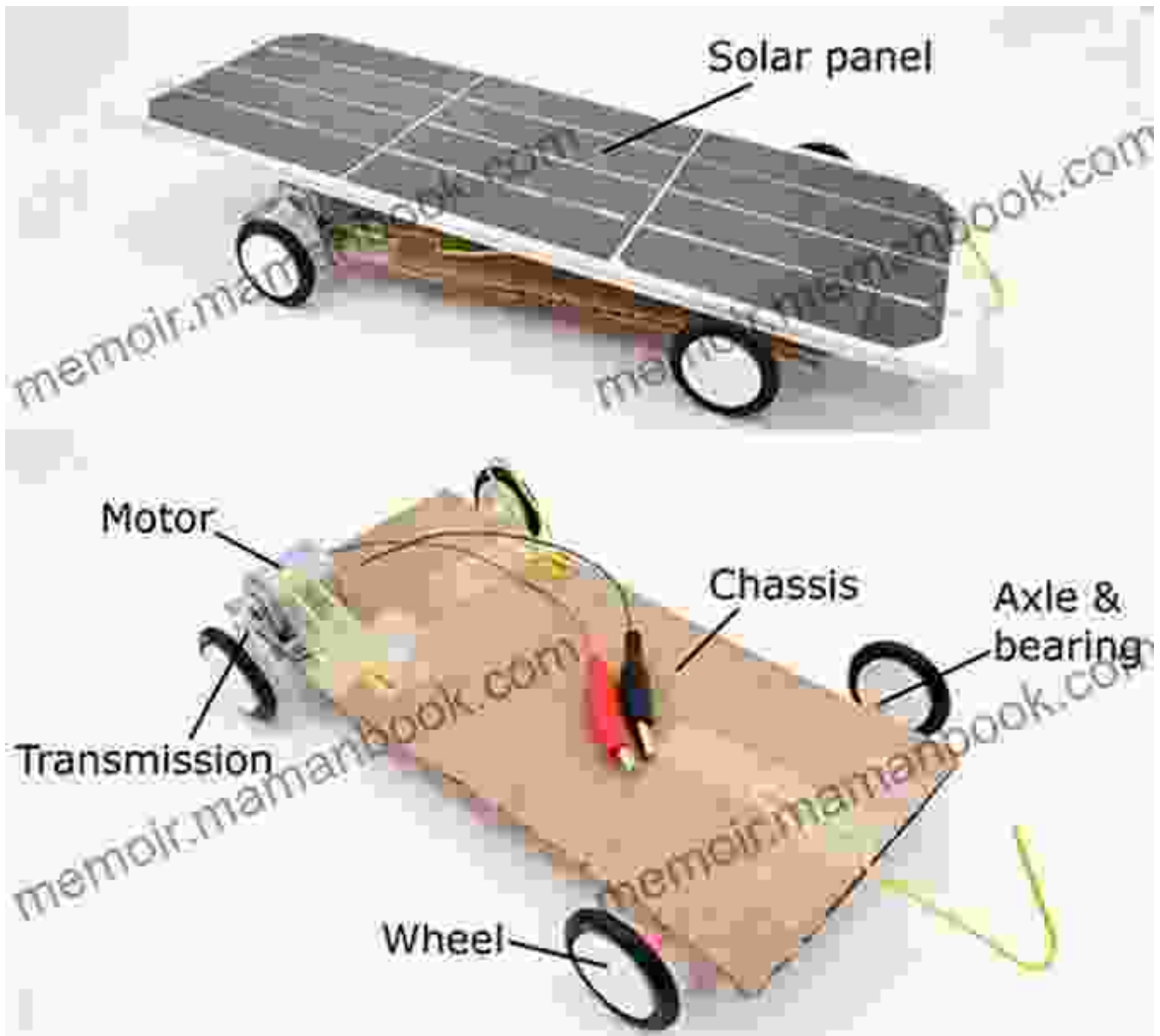
#### 4. Walking Water Bottle

This bot is a bit more complex than the others on the list, but it's still a great project for kids who are interested in science. You'll need a water bottle, a piece of cardboard, and some tape. Simply cut a hole in the bottom of the water bottle, and then tape the cardboard to the bottom of the bottle. When you fill the bottle with water, it will start to walk.



## 5. Solar-Powered Car

This bot is a great way to teach kids about renewable energy. You'll need a solar panel, a motor, and a few other basic supplies. Simply connect the solar panel to the motor, and then place the car in the sun. The solar panel will convert sunlight into electricity, which will power the motor and make the car move.



## 6. Paper Airplane

This bot is a classic for a reason. It's simple to build, it flies well, and it's a lot of fun to play with. You'll need a piece of paper and a few folds. Simply fold the paper into an airplane shape, and then launch it into the air.



## 7. Balloon Rocket

This bot is a great way to teach kids about air pressure. You'll need a balloon, a straw, and a piece of string. Simply tie the balloon to the straw, and then blow into the straw. The air pressure will inflate the balloon, and it will fly through the air.



## 8. Hovercraft

This bot is a bit more challenging to build, but it's still a lot of fun to play with. You'll need a cardboard box, a fan, and a few other basic supplies. Simply cut a hole in the bottom of the cardboard box, and then attach the fan to the bottom of the box. When you turn on the fan, the air will blow out of the hole in the bottom of the box, and it will lift the box up off the ground.





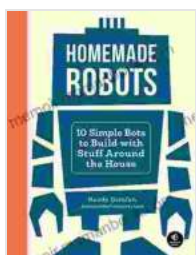
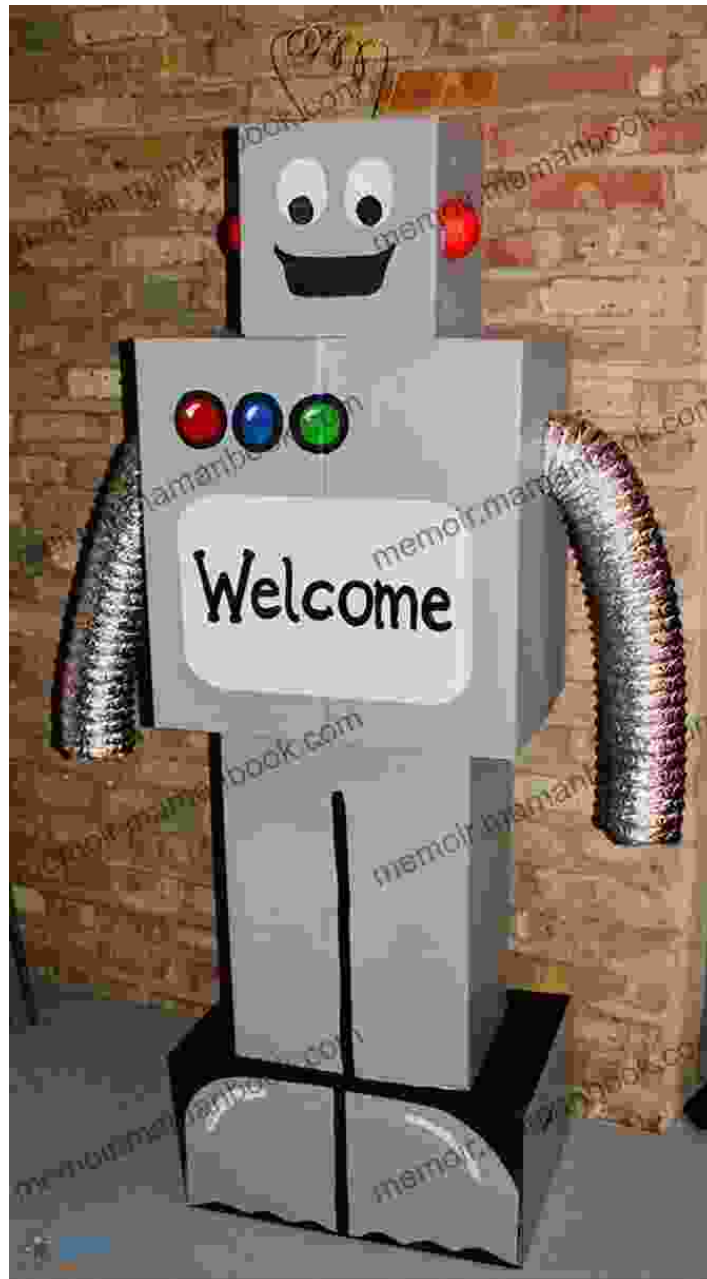
## 9. Windmill

This bot is a great way to teach kids about wind energy. You'll need a piece of cardboard, a straw, and a few other basic supplies. Simply cut out a circle from the cardboard, and then cut a slit in the center of the circle. Insert the straw into the slit, and then attach the cardboard circle to a base. When the wind blows, it will turn the straw, and it will turn the cardboard circle.



## 10. Maze-Solving Robot

This bot is a bit more advanced than the others on the list, but it's a great way to teach kids about problem-solving. You'll need a cardboard box, a motor, and a few other basic supplies. Simply build a maze out of the cardboard box, and then attach the motor to a wheel. When you turn on the motor, the wheel will turn, and the robot will move through the maze.



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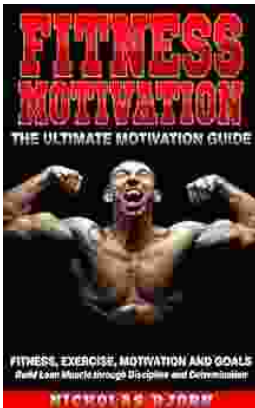
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