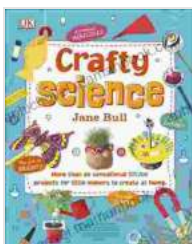


# More Than 20 Sensational Steam Projects To Create At Home

The world of science is full of fascinating phenomena, and steam is one of the most captivating. Steam is a powerful force that can be used to power engines, generate electricity, and even clean our clothes. But steam is also a lot of fun to play with, and there are many exciting steam projects that you can create at home.

In this article, we'll explore more than 20 sensational steam projects that you can do with your kids. These projects are all safe and easy to do, and they're a great way to learn about the science of steam.

A steam engine is a device that converts the energy of steam into mechanical energy. Steam engines were used to power the first trains, ships, and factories. You can build a simple steam engine at home using a few simple materials.



## Crafty Science: More than 20 Sensational STEAM Projects to Create at Home by Jane Bull

★★★★☆ 4.4 out of 5

Language : English

File size : 26349 KB

Screen Reader : Supported

Print length : 64 pages



### Materials:

- A tin can
- A straw
- A candle
- A small piece of cardboard

### **Instructions:**

1. Cut a small hole in the bottom of the tin can.
2. Insert the straw into the hole.
3. Light the candle and hold it under the tin can.
4. The steam from the candle will cause the straw to spin.

A steam turbine is a type of engine that converts the energy of steam into rotational energy. Steam turbines are used to generate electricity in power plants. You can build a simple steam turbine at home using a few simple materials.

### **Materials:**

- A plastic bottle
- A straw
- A piece of cardboard

### **Instructions:**

1. Cut a small hole in the bottom of the plastic bottle.

2. Insert the straw into the hole.
3. Cut a small piece of cardboard into a circle.
4. Tape the cardboard circle to the bottom of the plastic bottle.
5. Fill the plastic bottle with water.
6. Heat the water until it boils.
7. The steam from the boiling water will cause the straw to spin.

A steam rocket is a type of rocket that uses the power of steam to propel itself. Steam rockets were used to power the first rockets into space. You can build a simple steam rocket at home using a few simple materials.

### **Materials:**

- A plastic bottle
- A straw
- A piece of cardboard

### **Instructions:**

1. Cut a small hole in the bottom of the plastic bottle.
2. Insert the straw into the hole.
3. Cut a small piece of cardboard into a circle.
4. Tape the cardboard circle to the bottom of the plastic bottle.
5. Fill the plastic bottle with water.
6. Heat the water until it boils.

7. Point the plastic bottle straight up.
8. The steam from the boiling water will cause the plastic bottle to shoot up into the air.

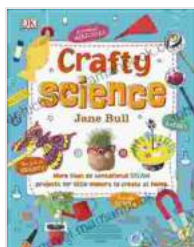
A steam whistle is a device that produces a loud sound by using the power of steam. Steam whistles were used on trains, ships, and factories to signal their presence. You can build a simple steam whistle at home using a few simple materials.

### Materials:

- A metal can
- A straw
- A piece of cardboard

### Instructions:

1. Cut a small hole in the top of the metal can.
2. Insert the straw into the hole. 3



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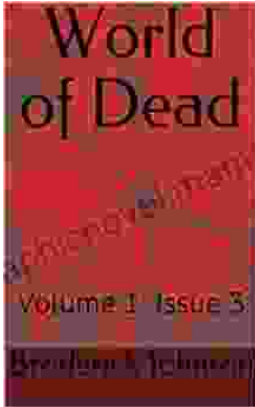
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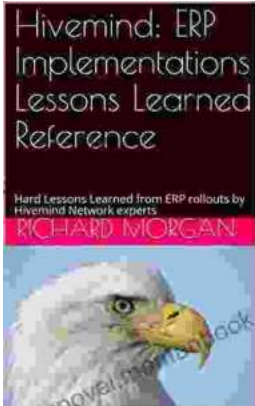
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