

The story of

THE MICROWAVE

The Microwave

The microwave is a machine that cooks food through small amounts of radiation created by microwaves

IT WAS ALL AN ACCIDENT

Fun fact

The first Microwave the "Radarange" was about 6 feet tall and cost about \$5,000

The microwave was discovered by Percy Spencer through a complete accident.

HOW IT WAS CREATED



#1

Percy Spencer experiments with radar for the military 🇺🇸



#2

Spencer realizes that the microwaves from the radar melted a peanut bar in his pocket



#3

Spencer runs a few tests



#4

Raytheon applies for a patent and sells the first microwave the radarange

How they work

Microwaves produce a special wave at a certain frequency that causes the water molecules in food to become agitated. The water molecules then vibrate violently and generate heat to swiftly cook the food.

What this has taught me.

This has taught me that everything can have more than one use you just have to look for those alternate uses.



Now you know.

One accidental discovery spawned a multi-million dollar business. Today 90% of American households have a microwave and microwaves are used daily across the world.

<http://illumin.usc.edu/76/the-engineering-behind-the-microwave-oven/>
<http://www.popularmechanics.com/technology/gadgets/a19567/how-the-microwave-was-invented-by-accident/>
<http://wonderopolis.org/wonder/who-invented-the-microwave-oven/>
https://scitech.web.cern.ch/scitech/TopTech/01/MicroWaveOven/microwave_2.shtml

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