

รายวิชา ภาษาอังกฤษ

รหัสวิชา อ22102

ชั้นมัธยมศึกษาปีที่ 2

The History of Invention

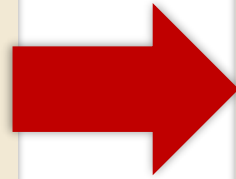
ครูผู้สอน ครูสรวรยา อุดรพรหม

ครูศุภณัฐ รักพงษ์

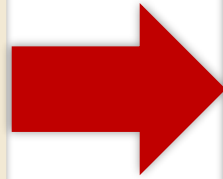




Do You Know?



Before the invention of **phone, what did people use?**



**Before the invention of light blub,
what did people use?**



The History of Invention

จุดประสงค์การเรียนรู้

1. ออกเสียงคำศัพท์ เขียนสะกดคำ พร้อมบอก
ความหมายคำศัพท์เกี่ยวกับการคิดค้น
ประดิษฐ์ และพัฒนา
2. อธิบายที่มาของสิ่งประดิษฐ์ได้



Vocabulary





invent (v.)

to create
something

Ex. Who invented
the light bulb?



to find out
something

Ex. Christopher
Columbus discovered
the New World in
1492.



discover (v.)



What's the difference?

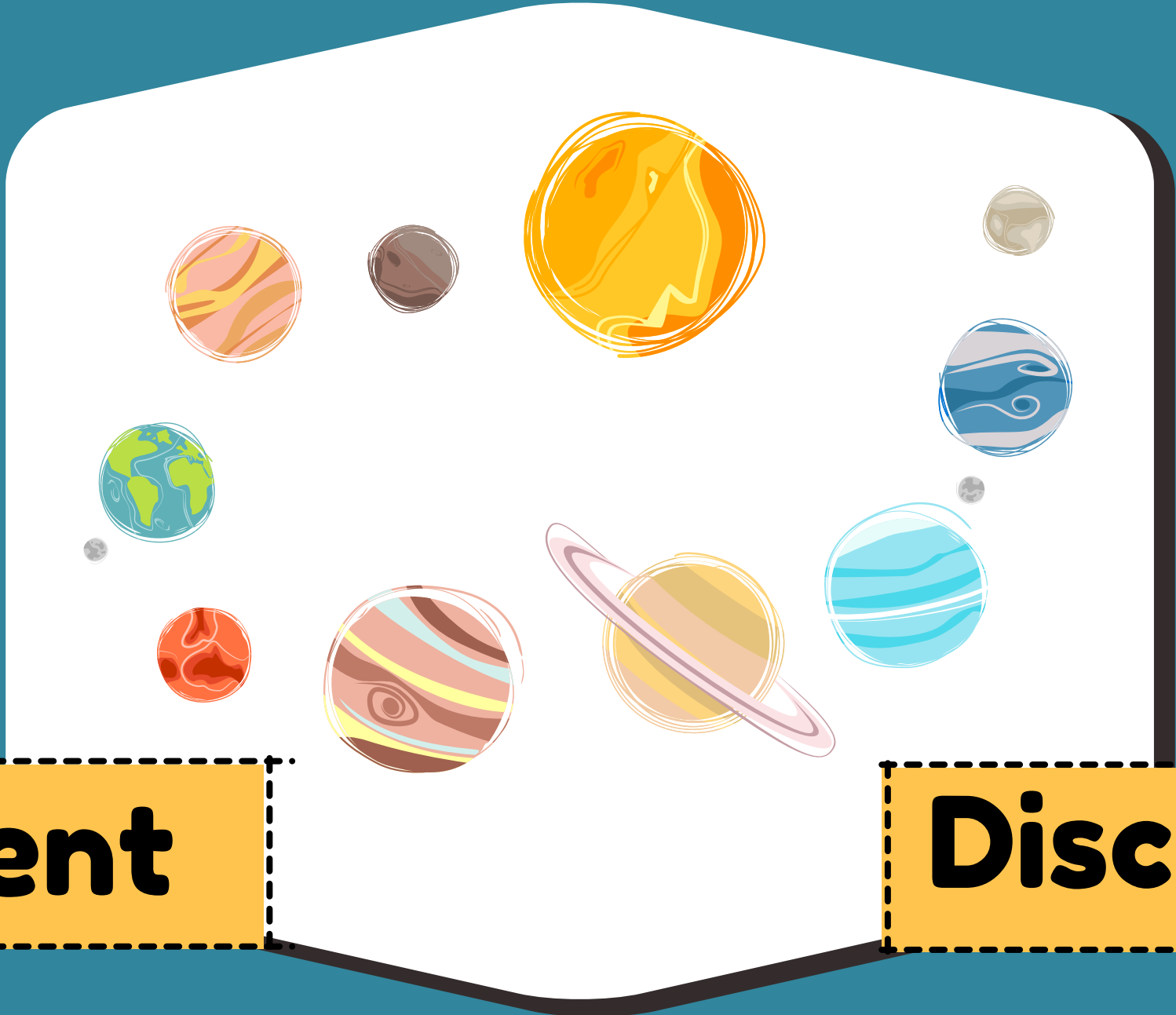
Invent

**Never happened
before**



Discover

**Existed for a long
time but has
recently been
found.**



Invent

Discover



Invent

Discover



Invent

Discover

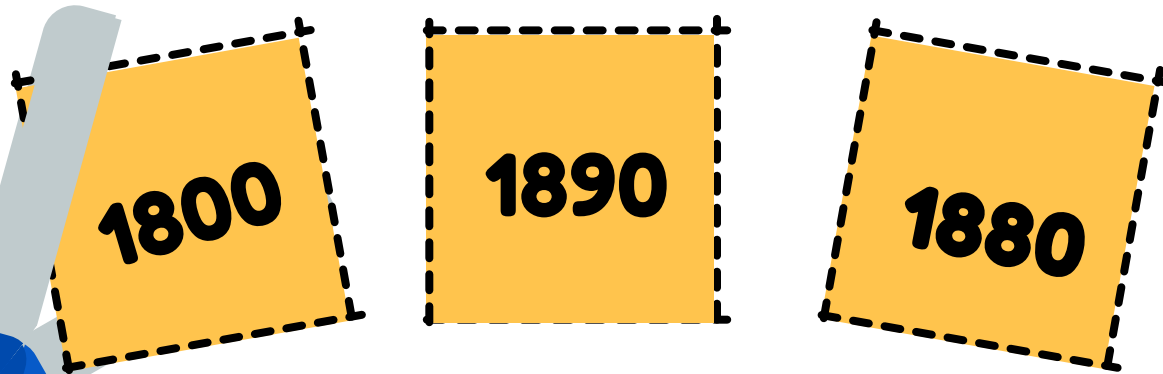


Invent

Discover



Match the inventions



Put in the correct order.





1880

1980

1691

1946

1860

1973





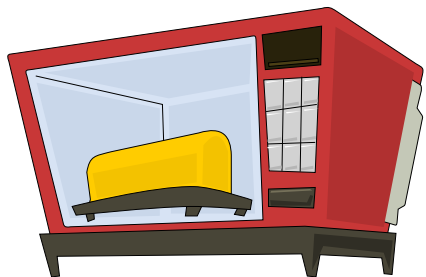
1691



1973



1880



1946



1980



1860

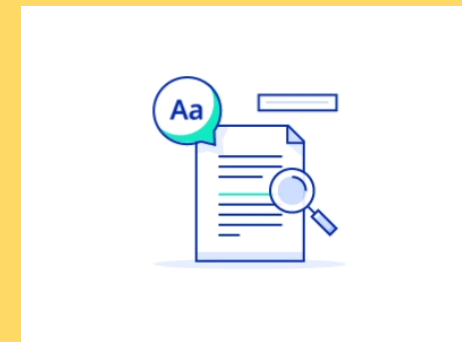
Reading Strategy



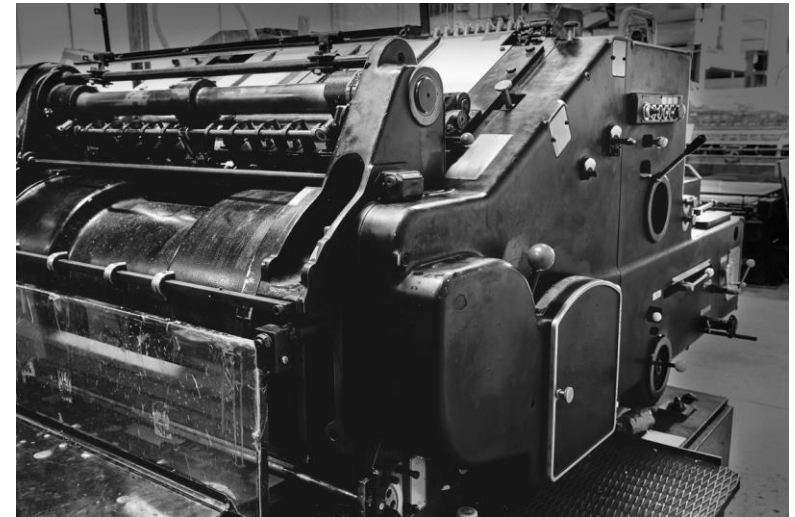
Skimming



Scanning



**A fax machine was
invented in 1880 by
Shelford Bidwell in
England.**



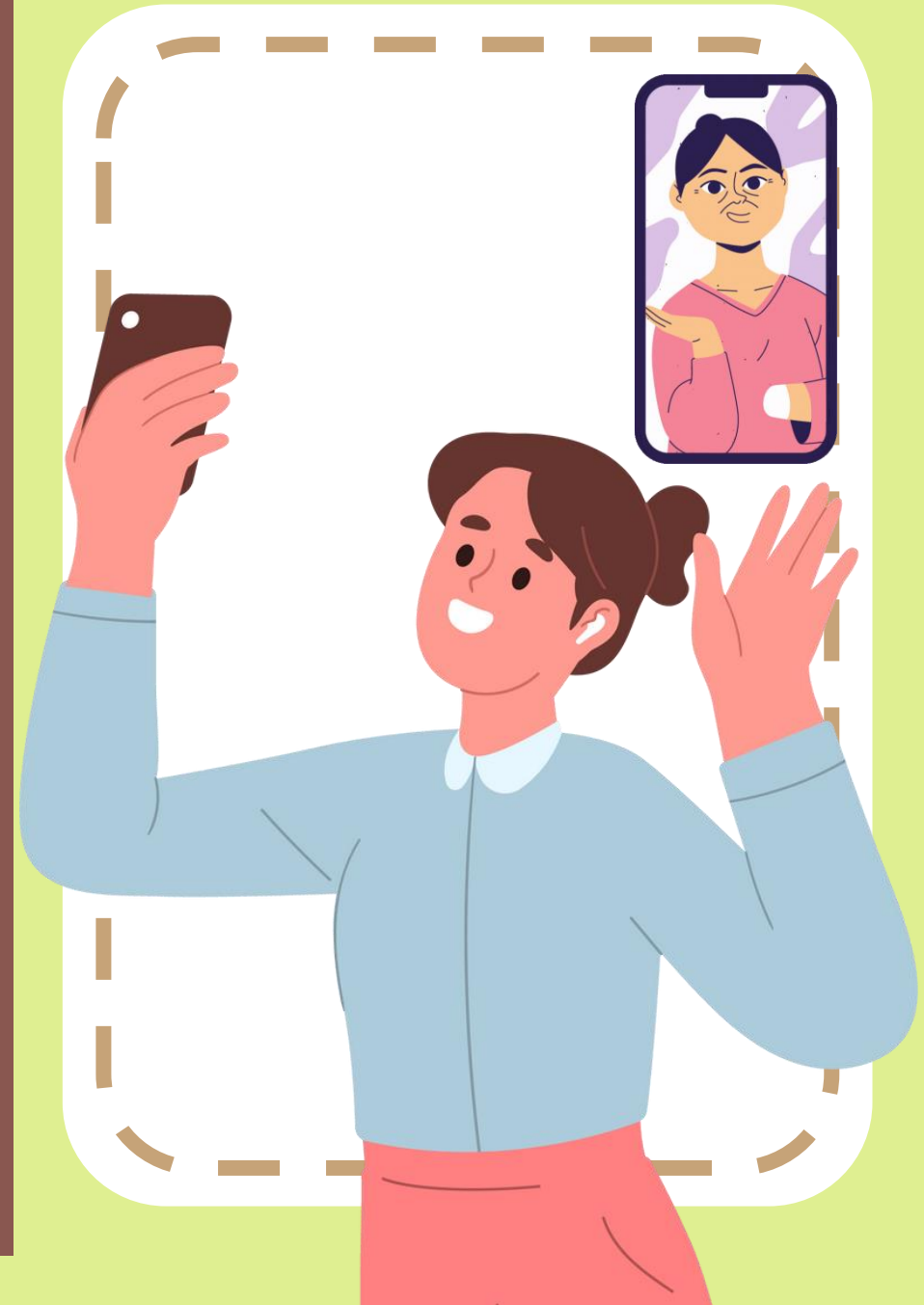
A laptop, laptop computer, or notebook computer is a small, portable personal computer (PC) with a screen and keyboard. It was invented by Suwa Seikosha's Yukio Yokozawa in July 1980 in Japan.



A washing machine (laundry machine, clothes washer, or washer) is a home appliance used to wash clothes. It was invented in 1691 by Jacob Christian Schäffer in Germany.



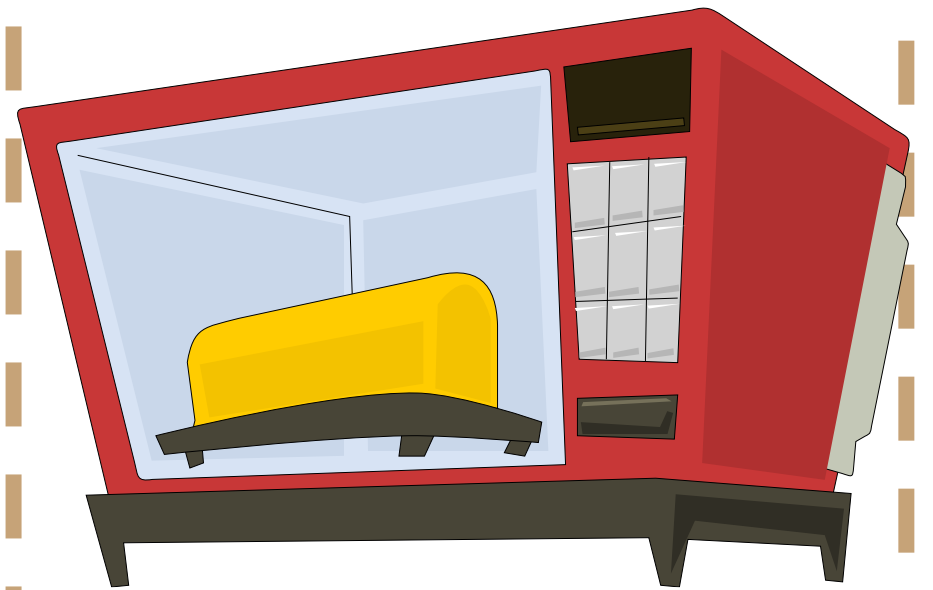
A mobile phone, cellular phone, cell phone, cellphone, handphone, or hand phone, sometimes shortened to simply mobile, cell or just phone, is a portable telephone that can make and receive calls over a radio frequency link while the user is moving within a telephone service area. It was invented in 1973 by John F. Mitchell and Martin Cooper.



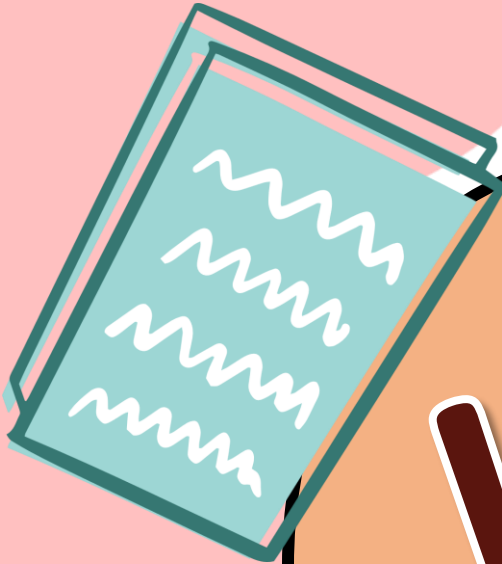
A vacuum cleaner, also known as a vacuum or a Hoover, is a device that causes suction in order to remove dust from floors and other surfaces. It is generally electrically driven. In 1860 a vacuum cleaner was invented by Daniel Hess of West Union, Iowa, the United States of America.



The microwave is a cooking tool. It was discovered by Percy Spencer in 1946 in the UK.



Worksheet 1



Worksheet 1: The History of Inventions

1. Who invented a fax machine?
2. When was a fax machine invented?
3. Where was a laptop invented?
4. Who invented a washing machine?
5. Who invented a vacuum cleaner?
6. When was a microwave invented?

Directions:
Answer the
questions
according to
the information
given.

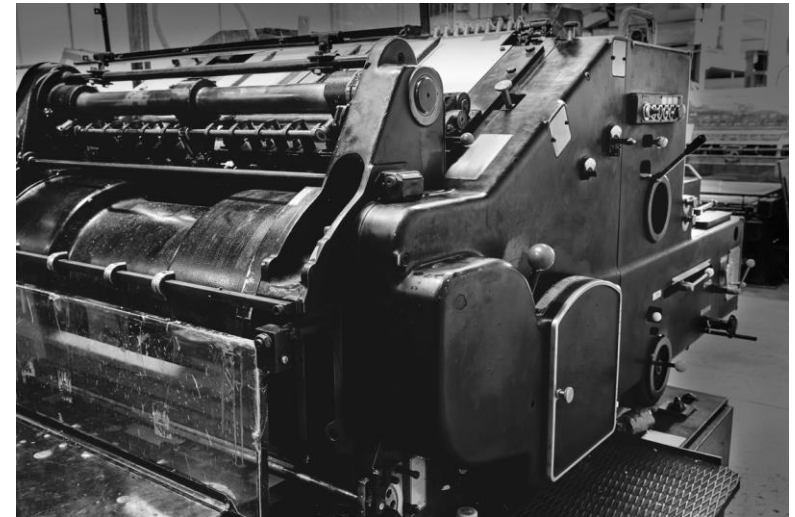


1. Who invented a fax machine?

Shelford Bidwell



A fax machine was
invented in 1880 by
Shelford Bidwell in
England.

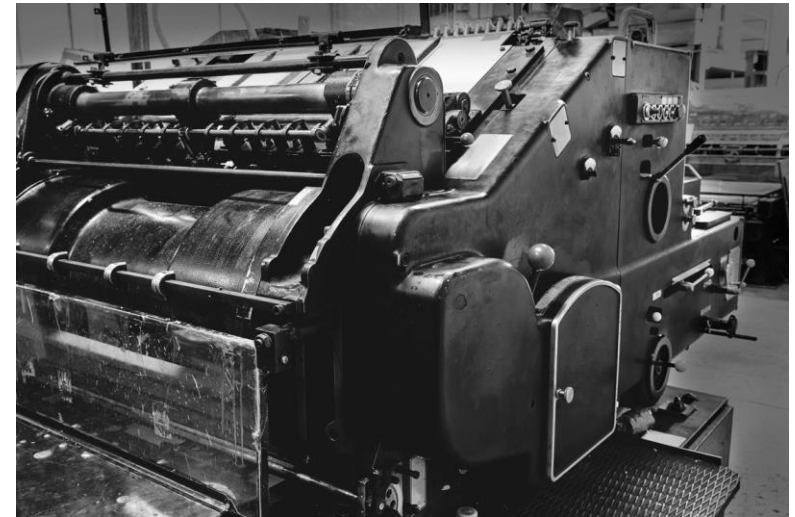


**2. When was a fax machine
invented?**

In 1880



A fax machine was
invented in 1880 by
Shelford Bidwell in
England.



**3. Where was a laptop
invented?**

In Japan



A laptop, laptop computer, or notebook computer is a small, portable personal computer (PC) with a screen and keyboard. It was invented by Suwa Seikosha's Yukio Yokozawa in July 1980 in Japan.



4. Who invented a washing machine?

Jacob Christian Schäffer



A washing machine (laundry machine, clothes washer, or washer) is a home appliance used to wash clothes. It was invented in 1691 by Jacob Christian Schäffer in Germany.



5. Who invented a vacuum cleaner?

Daniel Hess

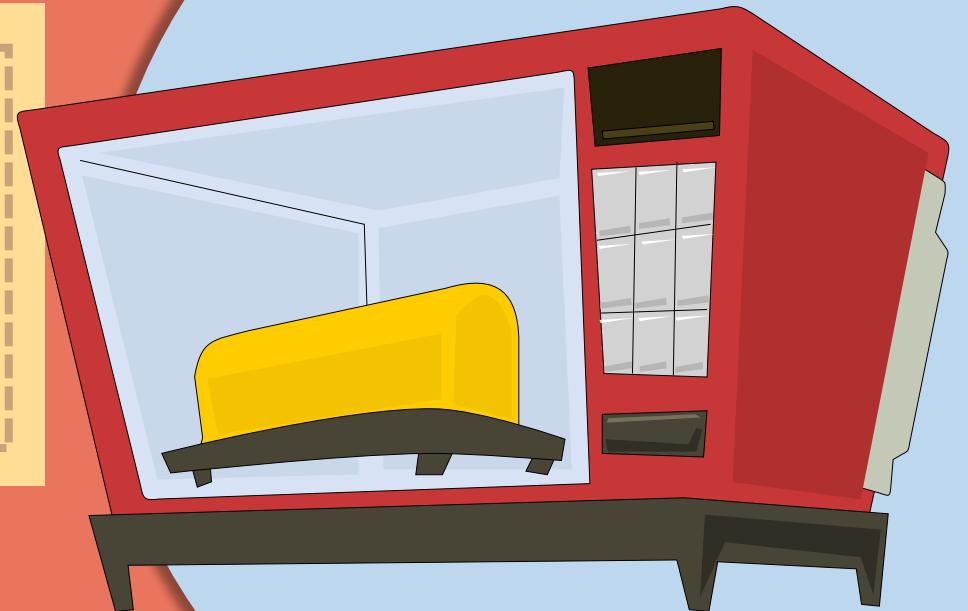


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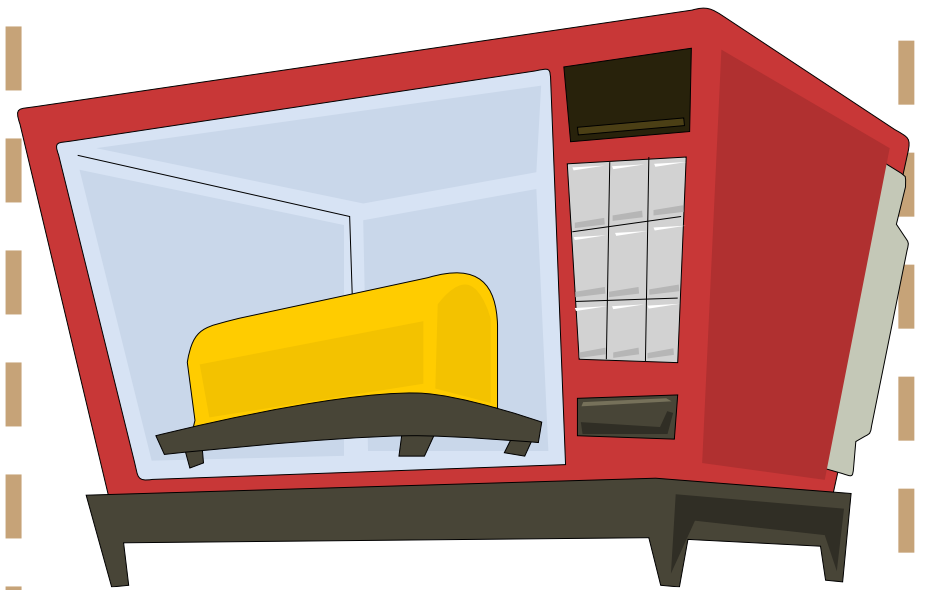


6. When was a microwave invented?

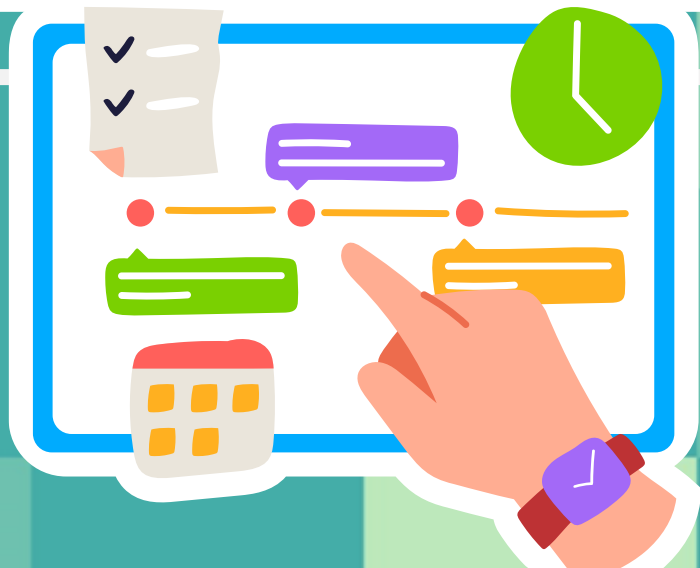
In 1946









The microwave is a cooking tool. It was discovered by Percy Spencer in 1946 in the UK.



Timeline of inventions



Timeline of inventions

	<p>A laptop, laptop computer, or notebook computer is a small, portable personal computer (PC) with a screen and keyboard. It was invented by Suwa Seikosha's Yukio Yokozawa in July 1980 in Japan.</p> <p>https://en.wikipedia.org/wiki/Laptop#History</p>		<p>Script: A vacuum cleaner, also known as a vacuum or a Hoover, is a device that causes suction in order to remove dust from floors and other surfaces. It is generally electrically driven. In 1860 a vacuum cleaner was invented by Daniel Hess of West Union, Iowa, the United States of America</p> <p>https://en.wikipedia.org/wiki/Vacuum_cleaner</p>
	<p>A washing machine (laundry machine, clothes washer, or washer) is a home appliance used to wash clothes. It was invented in 1691 by Jacob Christian Schäffer in Germany.</p> <p>https://en.wikipedia.org/wiki/Washing_machine</p>		<p>Script: The microwave is a cooking tool. It was discovered by Percy Spencer in 1946 in the UK.</p> <p>https://en.wikipedia.org/wiki/Microwave_oven</p>
	<p>A mobile phone, cellular phone, cell phone, cellphone, handphone, or hand phone, sometimes shortened to simply mobile, cell or just phone, is a portable telephone that can make and receive calls over a radio frequency link while the user is moving within a telephone service area. It was invented in 1973 by John F. Mitchell and Martin Cooper.</p> <p>https://en.wikipedia.org/wiki/Mobile_phone</p>		<p>A fax machine was invented in 1880 by Shelford Bidwell in England.</p> <p>https://en.wikipedia.org/wiki/Fax#History</p>

1. Get into groups.



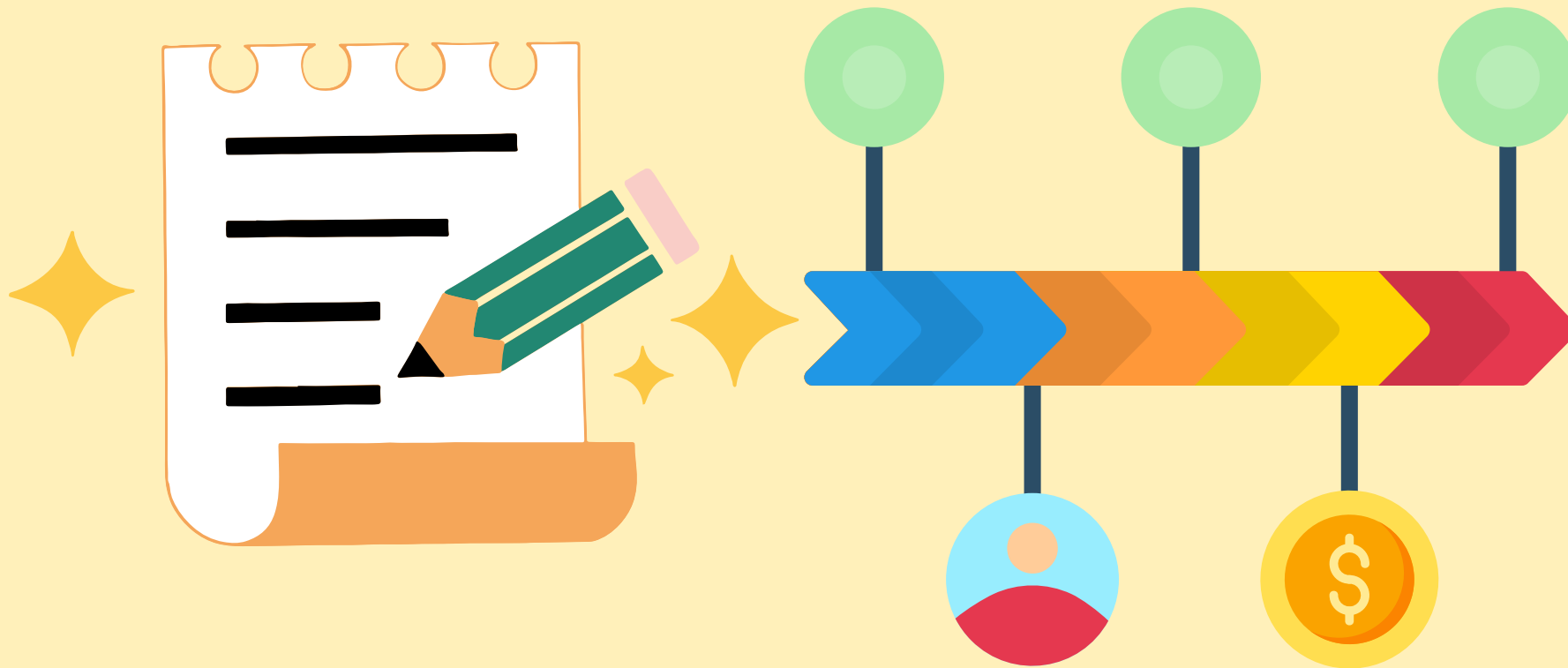
2. Get paper from the teacher.



3. Read the passage on handout.



4. Write timeline of inventions.



Timeline of inventions



1980 (year)

**What you want
to discuss.**



Presentation



Wrap it up!



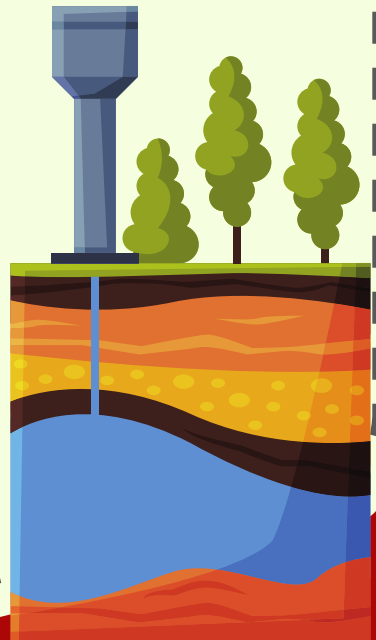
Invent

**Never happened
before**



Discover

**Existed for a long
time but has
recently been
found.**



บทเรียนครั้งต่อไป

The Function of Invention

สิ่งที่ต้องเตรียม

ใบงานที่ 1 เรื่อง The Robotic Vacuum Cleaner

 (สามารถดาวน์โหลดได้ที่ www.dltv.ac.th)





**“To invent, you need
a good imagination
and a pile of junk.”**

- Thomas A. Edison -