



# T.D. REPORTS



MARTHA SPEAKS™



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T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES

This website presents everything T.D. learned about how chewing gum was invented when he was doing research for a report in Ms. Clusky's class. Maybe it'll give you something to chew on!



T.D.



MARTHA  
SPEAKS



T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES

NEXT

Hello, I'm John B.  
Curtis and I invented  
chewing gum.

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T.D.  
Reports

Curtis  
& Adams

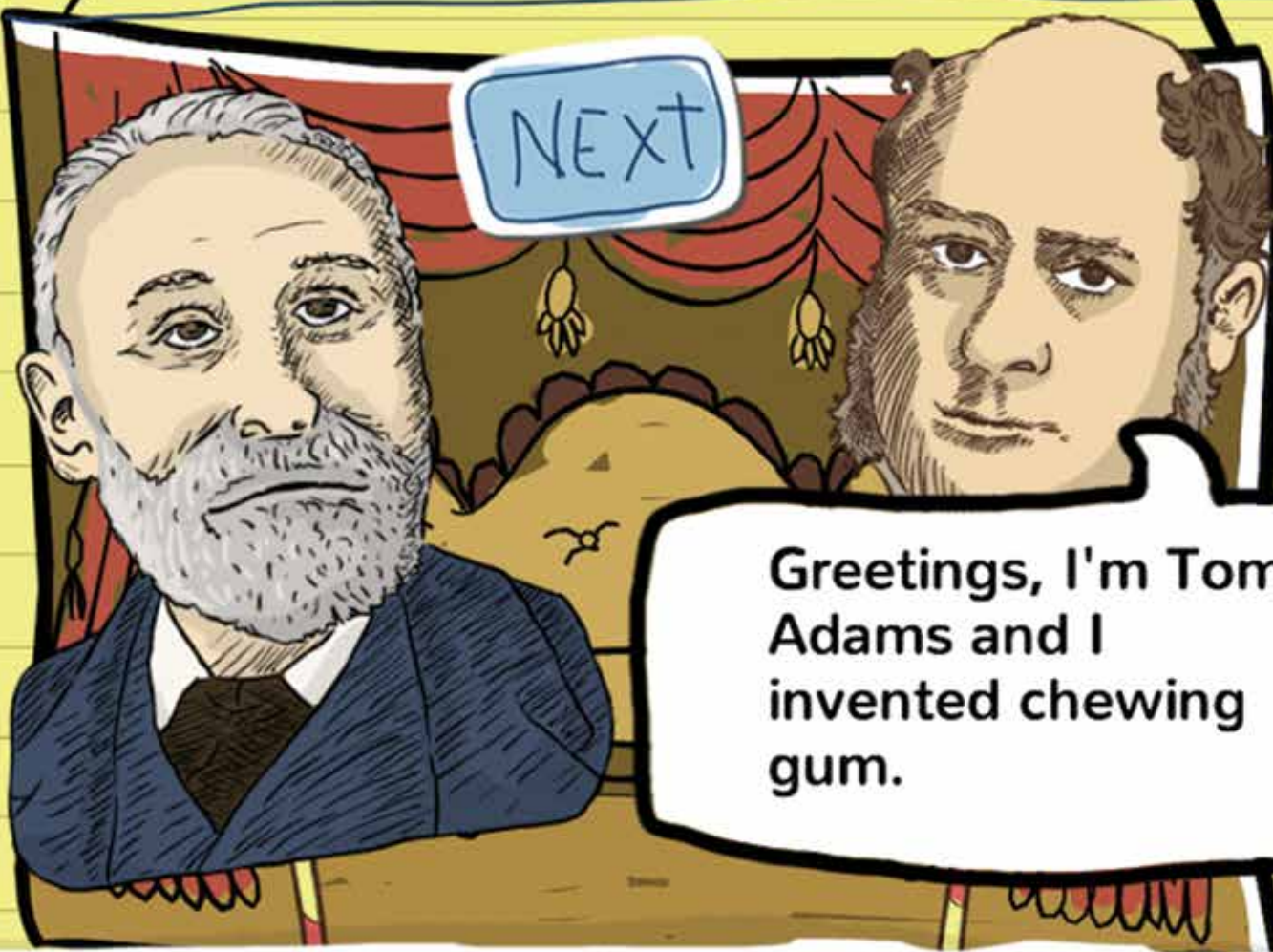
fun facts

timeline

how gum  
is made

WORD BONES

NEXT



Greetings, I'm Tom  
Adams and I  
invented chewing  
gum.

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T.D.  
Reports

Curtis  
& Adams

fun facts

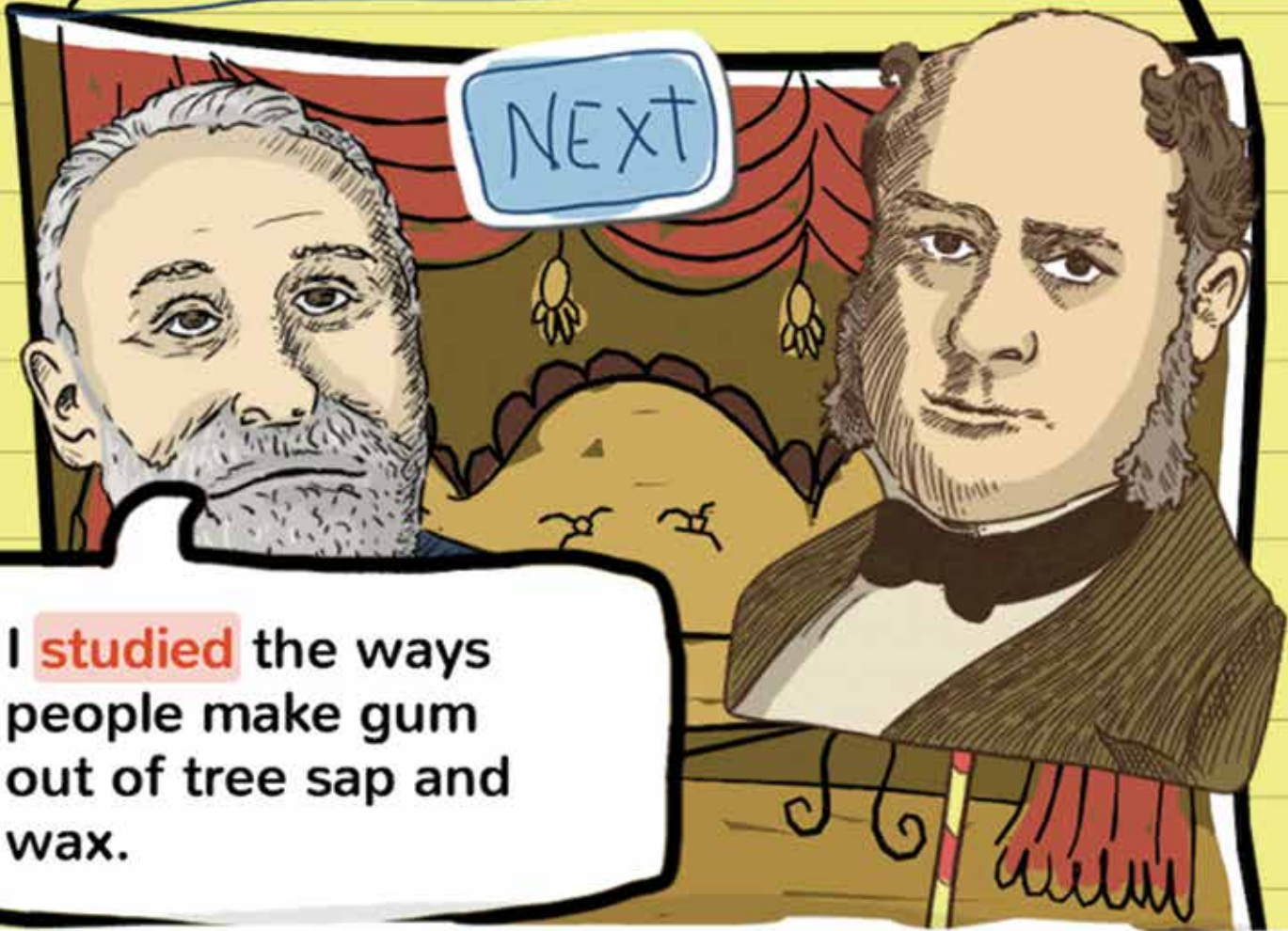
timeline

how gum  
is made

WORD BONES

NEXT

I **studied** the ways  
people make gum  
out of tree sap and  
wax.



**studied:** when you study, you try to learn things. People usually study by reading, looking at things carefully or listening to teachers.

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SPEAKS

T.D.  
Reports

Curtis  
& Adams

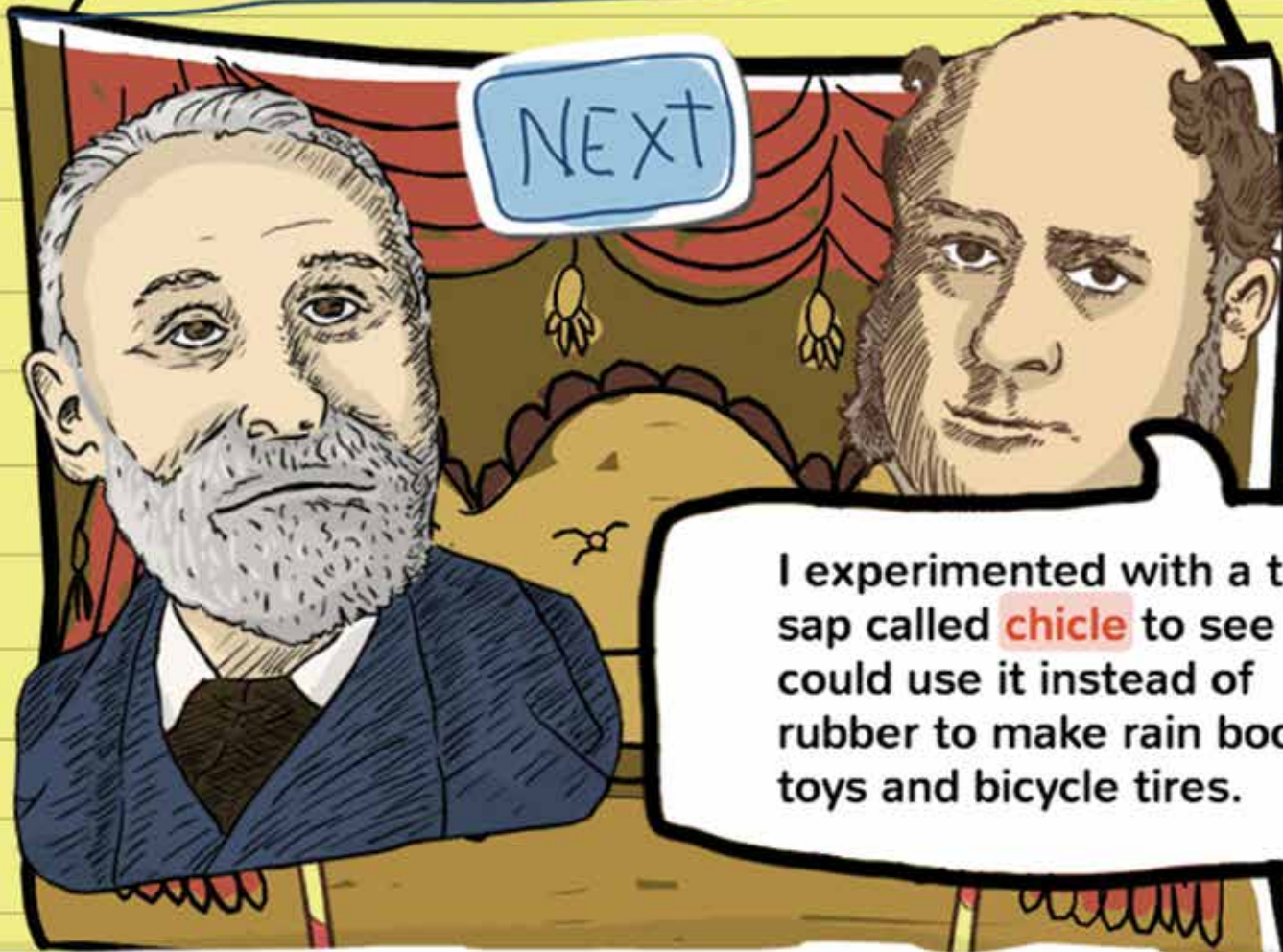
fun facts

timeline

how gum  
is made

WORD BONES

NEXT



I experimented with a tree  
sap called **chicle** to see if I  
could use it instead of  
rubber to make rain boots,  
toys and bicycle tires.

**chicle**: chicle is the sap from a Sapodilla tree.

MARTHA  
SPEAKS



T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES

NEXT

The **evidence** from his  
experiments **proved** that  
**chicle** was good for only  
one thing: chewing gum.

**evidence**: evidence is something that shows an idea is true.

**prove**: when you prove something you show that it is true or correct.

**chicle**: chicle is the sap from a Sapodilla tree.

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T.D.  
Reports

Curtis  
& Adams

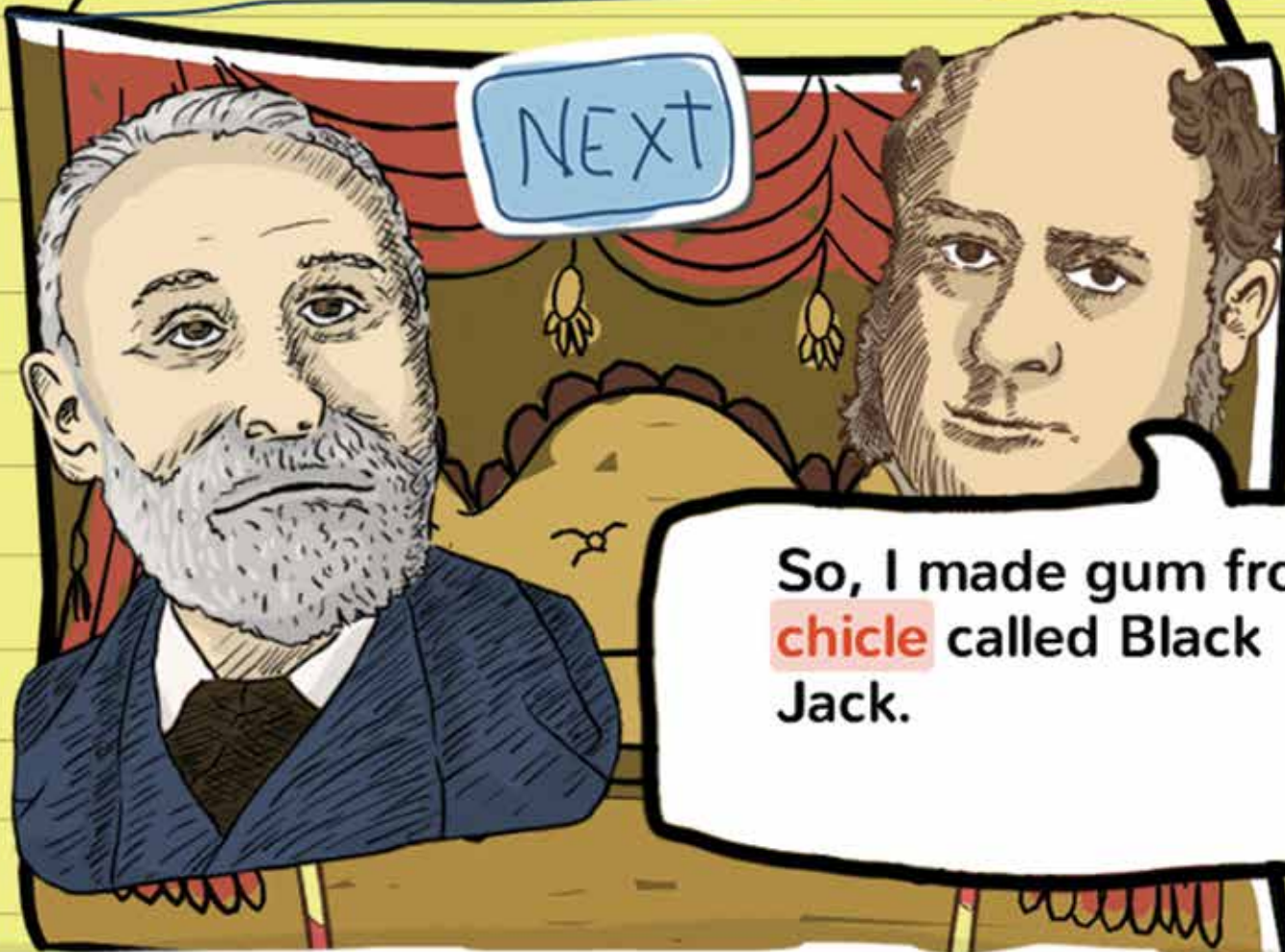
fun facts

timeline

how gum  
is made

WORD BONES

NEXT



**chicle:** chicle is the sap from a Sapodilla tree.

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T.D.  
Reports

Curtis  
& Adams

fun facts

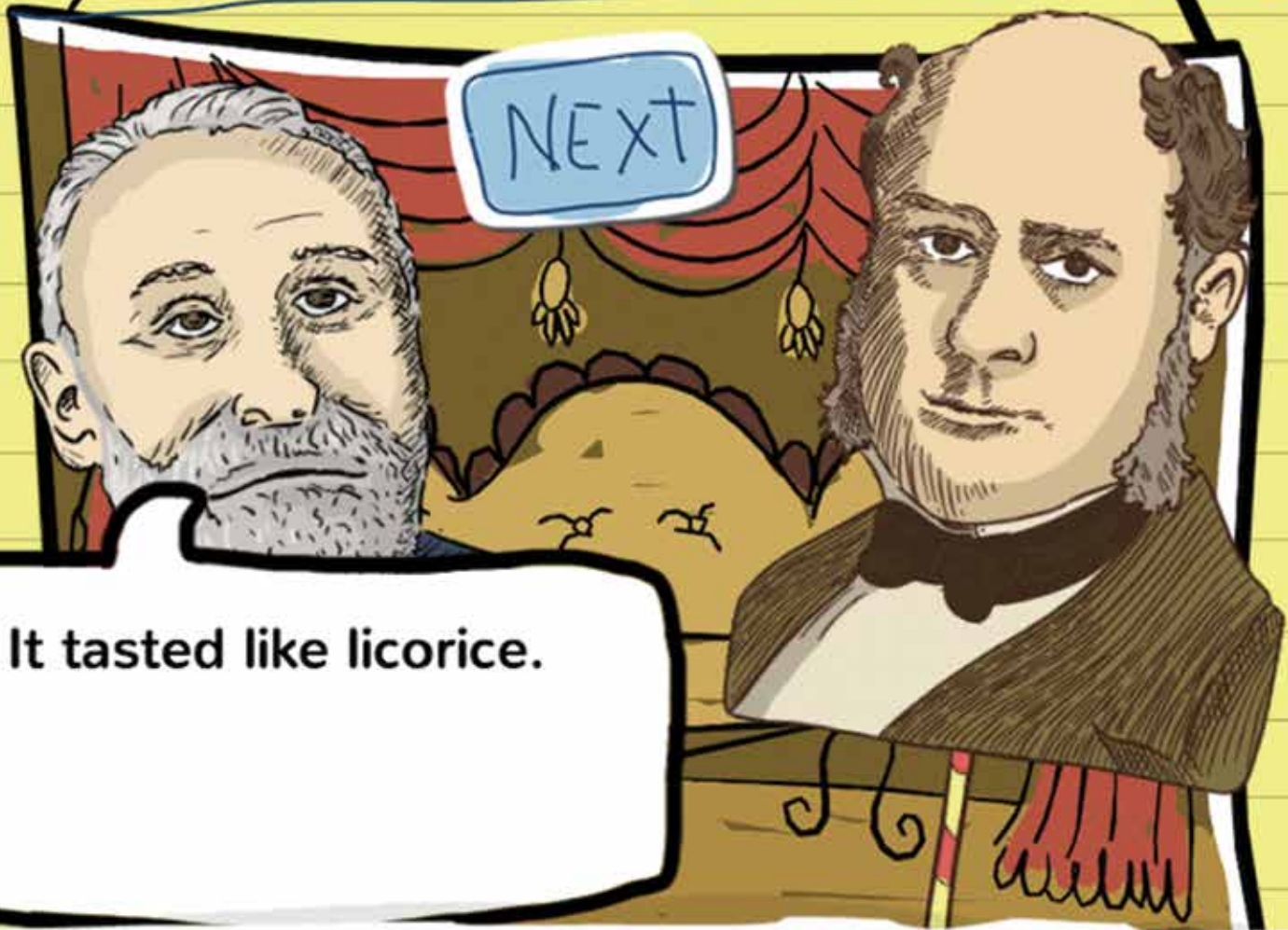
timeline

how gum  
is made

WORD BONES

NEXT

It tasted like licorice.



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SPEAKS



T.D.  
Reports

Curtis  
& Adams

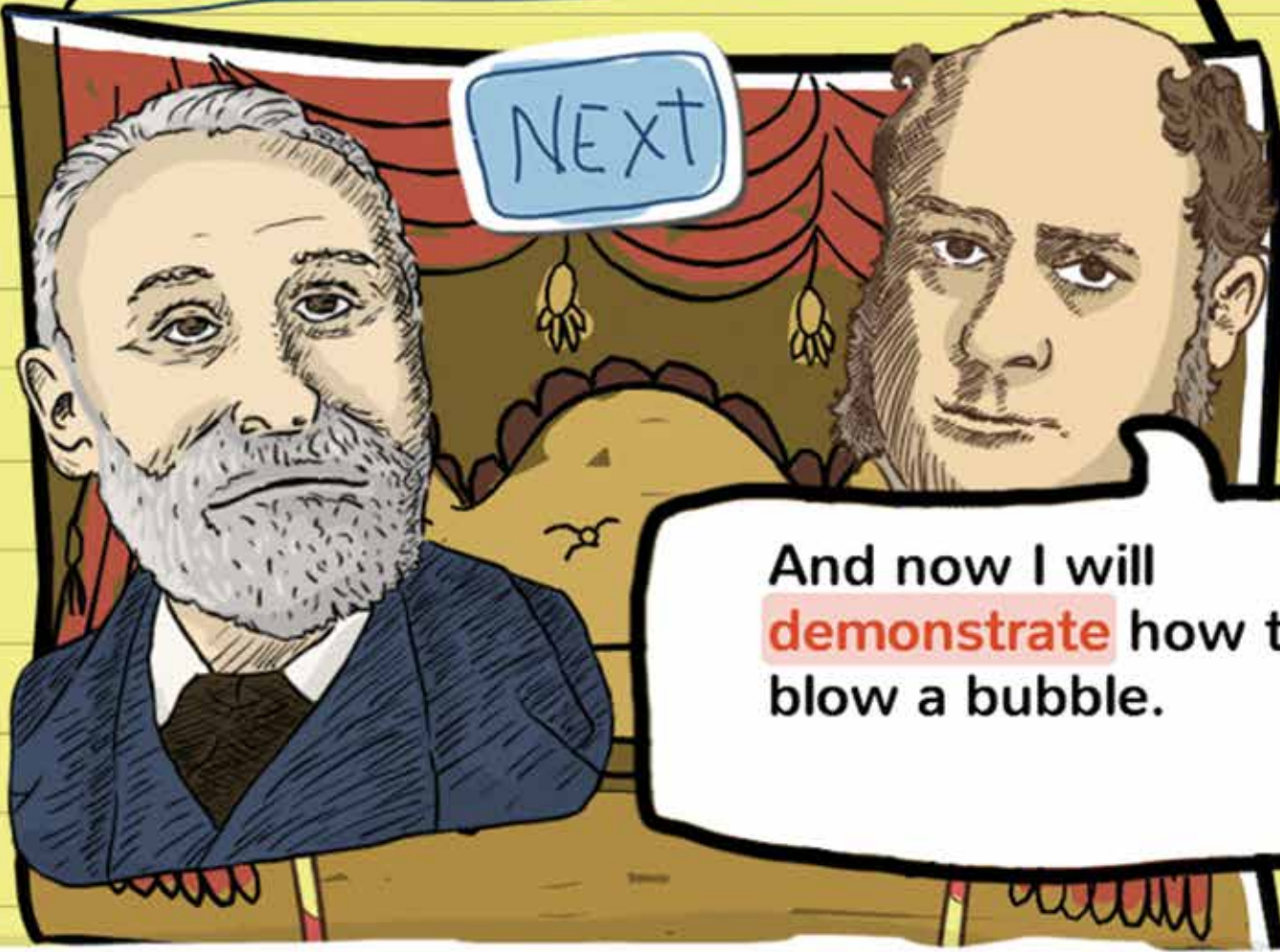
fun facts

timeline

how gum  
is made

WORD BONES

NEXT



And now I will  
**demonstrate** how to  
blow a bubble.

**demonstrate**: to demonstrate is to explain or describe something by showing examples.

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Reports

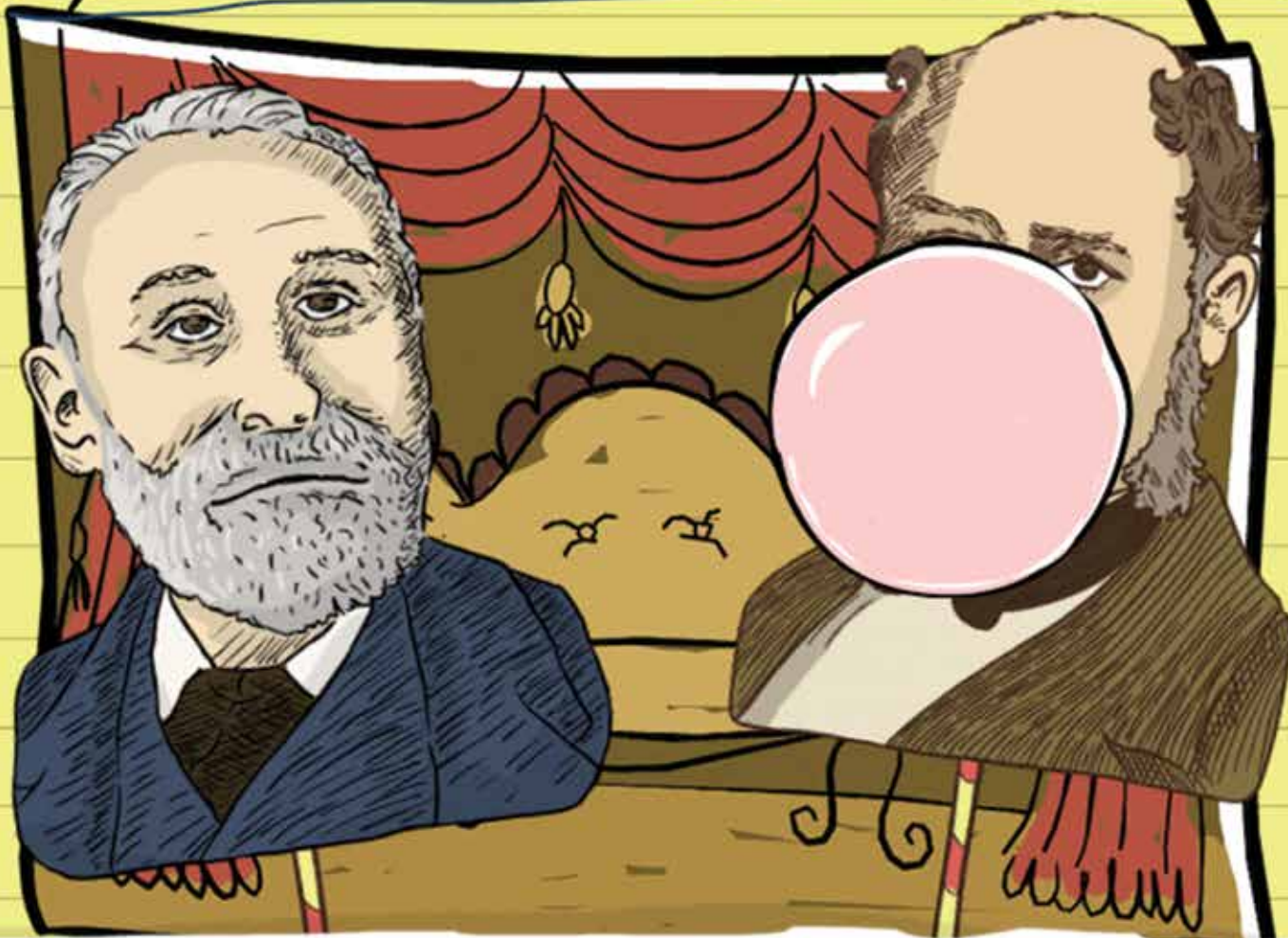
Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES



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T.D. Reports

Curtis & Adams

fun facts

timeline

how gum is made

WORD BONES

The first flavored gum was called Black Jack.



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T.D. Reports

Curtis & Adams

fun facts

timeline

how gum is made

WORD BONES

Bubble gum is pink because that was the only food color around when it was invented.





T.D. Reports

Curtis & Adams

fun facts

timeline

how gum is made

WORD BONES

Gum doesn't stay in your stomach if you swallow it.





T.D. Reports

Curtis & Adams

fun facts

timeline

how gum is made

WORD BONES

Chewing gum is the world's most common habit.



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T.D. Reports

Curtis & Adams

fun facts

timeline

how gum is made

WORD BONES

Gum is not allowed in Singapore, unless you get it from your Doctor.





T.D. Reports

Curtis & Adams

fun facts

timeline

how gum is made

WORD BONES

The first kind of bubble gum was called "Blibber Blubber"



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T.D.  
Reports

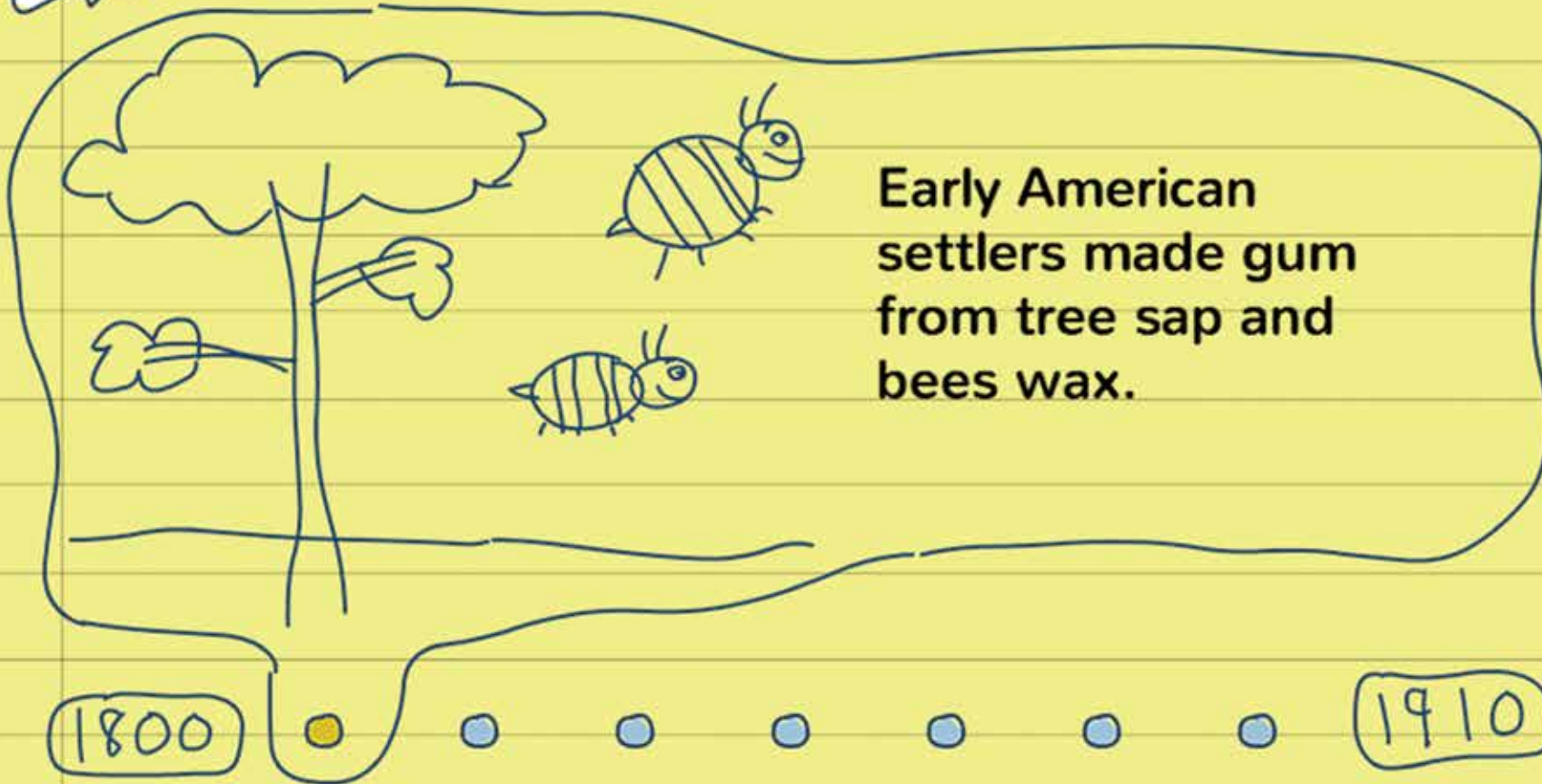
Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES



T.D.  
Reports

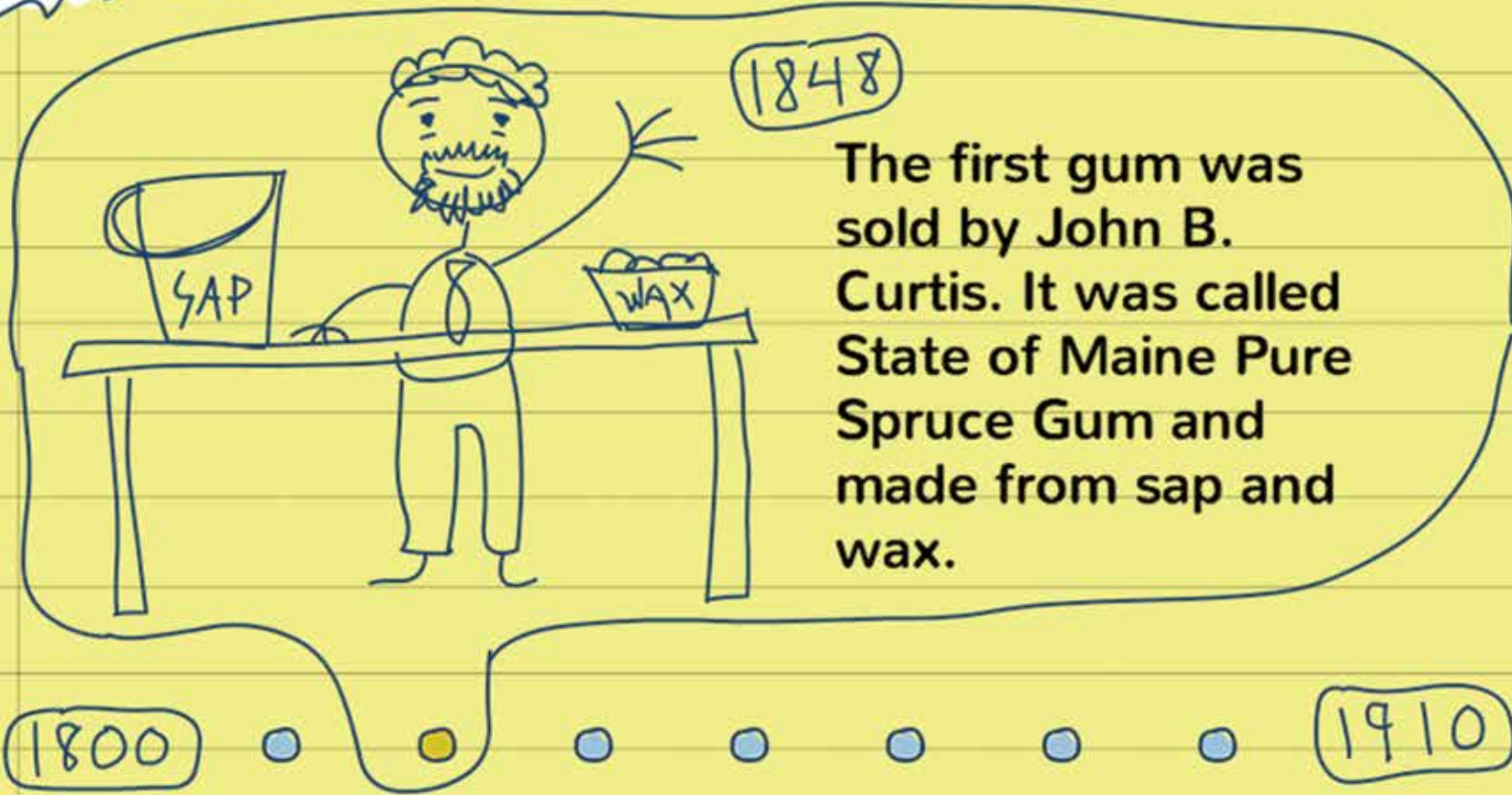
Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES



T.D.  
Reports

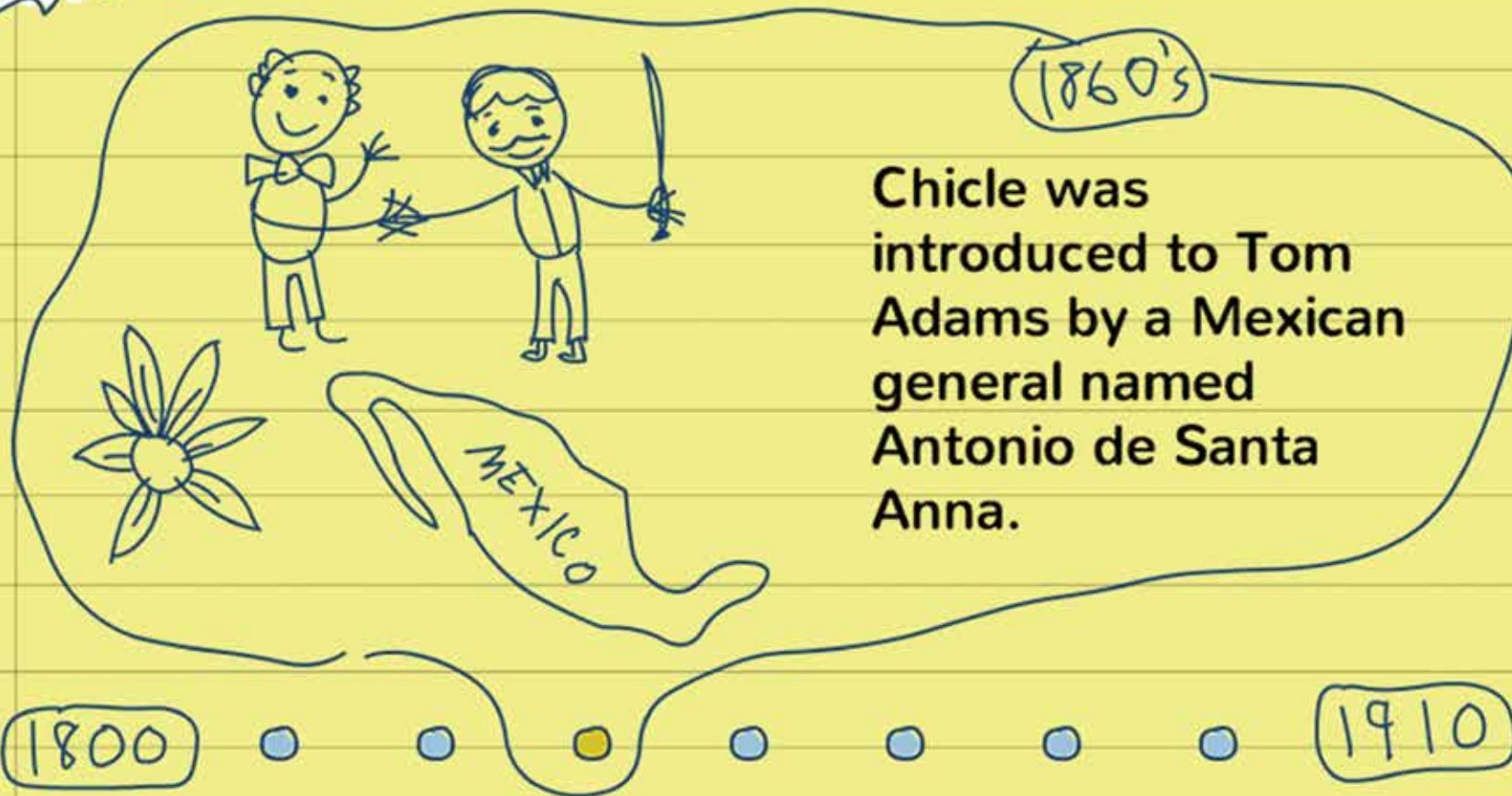
Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES



# T.D. Reports

Curtis & Adams

fun facts

timeline

how gum is made

WORD BONES

1860's

A hand-drawn illustration showing a pair of rain boots on the left and a bicycle tire on the right. Above the boots is a cloud with rain falling. The entire scene is enclosed in a hand-drawn oval frame.

Tom Adams tried to make rain boots and bicycle tires out of chicle. He failed and kept trying for ten years before giving up.

1800

●

●

●

●

●

●

●

1910

# T.D. Reports

Curtis & Adams

fun facts

timeline

how gum is made

WORD BONES

1869

Tom Adam was inspired to make gum instead of throw away all the chicle he'd bought.



1871

He sold pieces of Adams New York No. 1 gum for 1 penny each.

1800



1910

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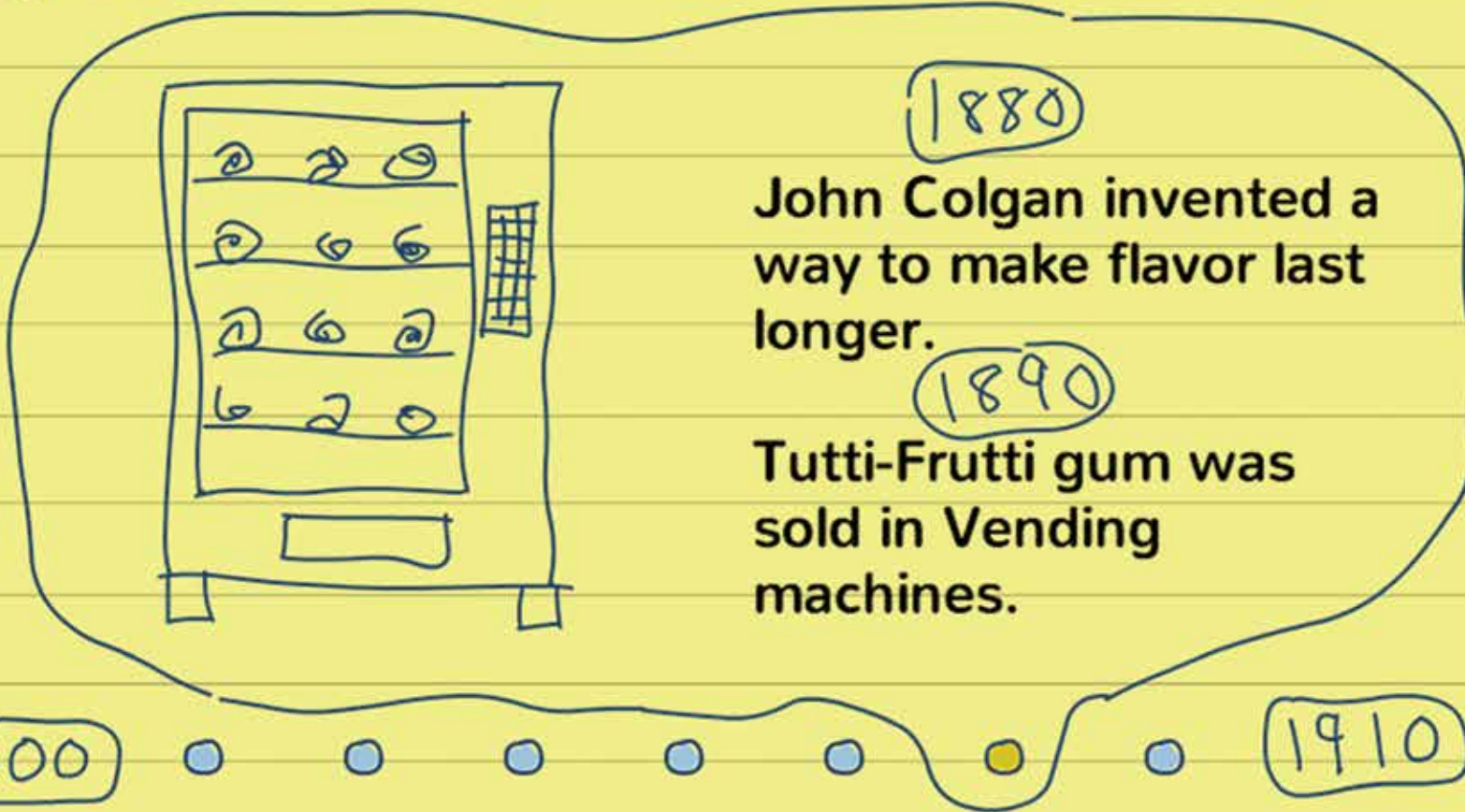
Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES





T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES



1906

The first bubble  
gum, called "Blibber-  
Blubber" was  
invented by Frank  
Fleer.

1800



1910

MARTHA  
SPEAKS



T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES

ingredients

steps

### Ingredients:

- Gum base, (like chicle)
- softener, (like wax)
- peppermint flavor, (or **improvise** using whatever flavors you have to come up with a new flavor)
- sweetener (like sugar)

**ingredients:** an ingredient is one of the things that goes into a mixture.

**improvise:** when you improvise, you make something from whatever materials are around.

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T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES

ingredients

steps

1. Prepare the gum base (the thing  
that makes it chewy.)



MARTHA  
SPEAKS

T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

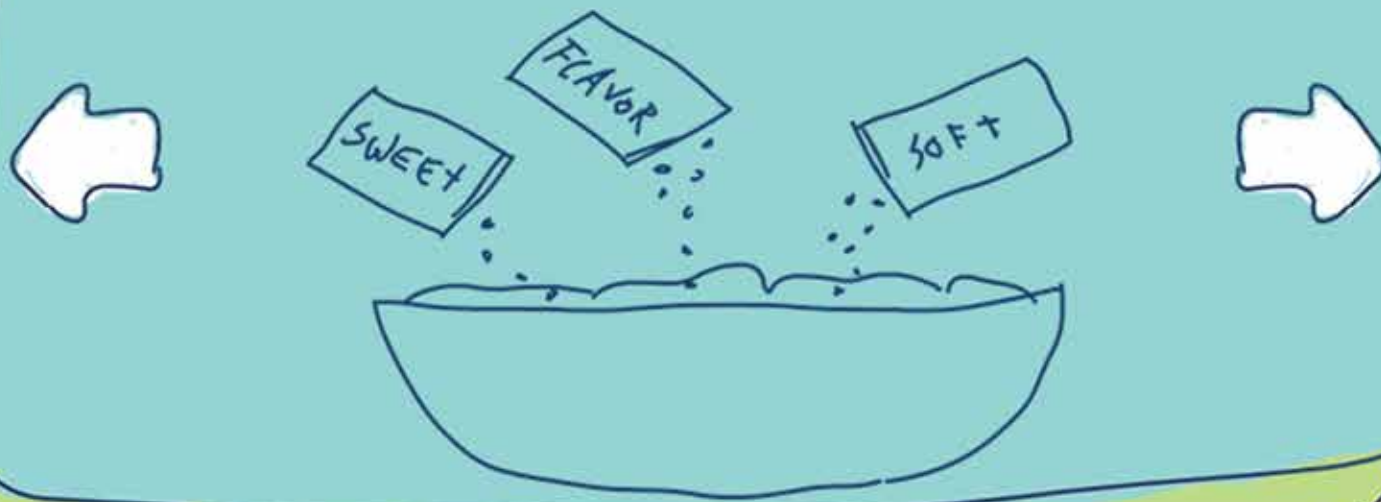
how gum  
is made

WORD BONES

ingredients

steps

2. Add flavor, sweetener and softener  
to the gum base.





T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES

ingredients

steps

3. Clean and melt the mixture in a  
steam cooker.



MARTHA  
SPEAKS

T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES

ingredients

steps

4. Pump the gum through a machine  
to cut it into pieces.



T.D.  
Reports

Curtis  
& Adams

fun facts

timeline

how gum  
is made

WORD BONES

ingredients

steps

5. Package the pieces of gum with  
other machines.

