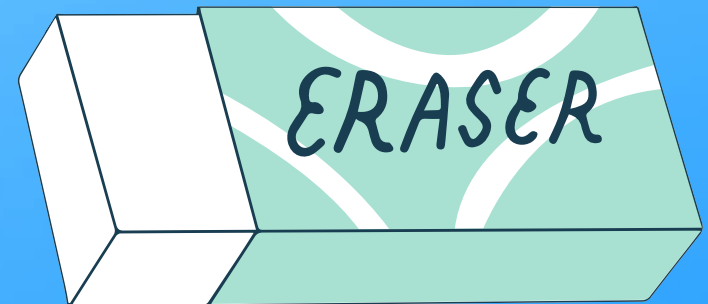


# Super English

Level 5 - Unit 6  
Inventions  
Lesson 4

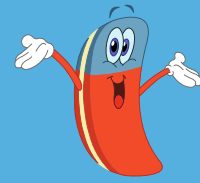




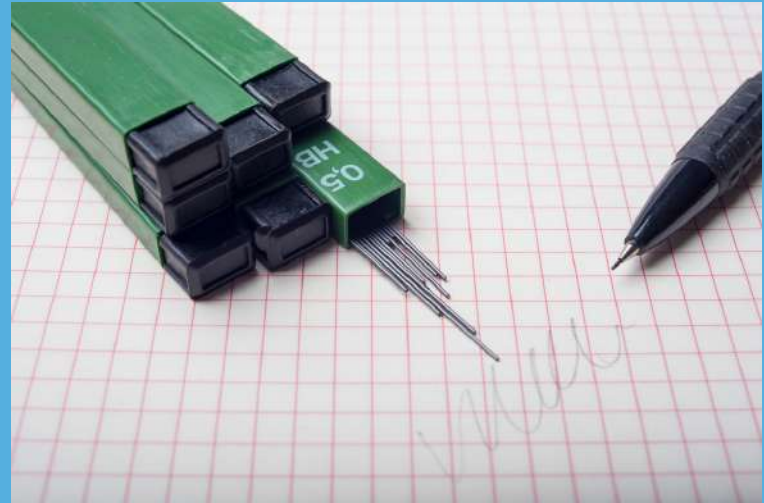
# Vocabulary



# Eraser - Vocabulary

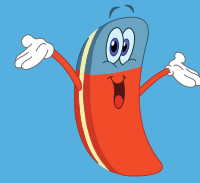


**lead:** the narrow strip of black material made of graphite, in the center of a pencil. (noun)



I was pushing too hard and broke the **lead** on my pencil.

# Eraser - Vocabulary

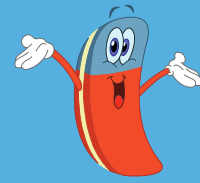


**resin:** a thick, sticky substance that is produced by some trees and turns yellow when it hardens. (noun)



They use **resin** from some trees to make rubber.

# Eraser - Vocabulary



**rubber:** a semi-soft material that can stretch, made of either tree resin or by man. (noun)

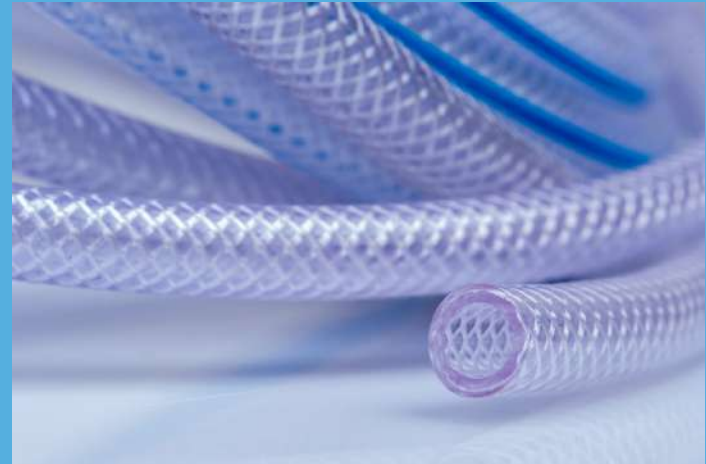


They make **rubber** bands and **rubber** tires from tree resin.

# Eraser - Vocabulary



**durable:** able to last and be used for a long time without becoming damaged. (adj)



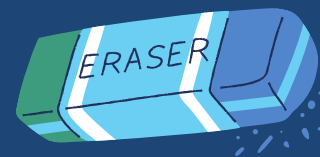
Hardened rubber is very **durable** because it doesn't break easily and last a long time.



Let's  
Read!



# Eraser Invention



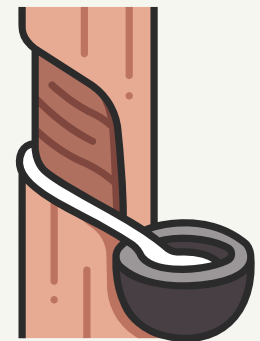
Erasers are the little wad of rubber that, almost like magic, undo mistakes and changes marked by tiny little pencils. These small erasers can come in various colors, shapes, and sizes and can be made up of different materials like vinyl, plastic, or gum-like material. Modern rubber erasers are relatively new inventions, but erasers can date back to when writing began. The ancient Greeks used wax tablets to erase lead or charcoal marks from paper. While other cultures used bits of stone such as sandstone or pumice to remove minor errors written in ink. Until the 1700s, the Japanese used balls of moist bread as erasers.



# Eraser Invention



In 1736 a French explorer named Charles Marie de La Condamine came across a few South American native Indians using a particular tree resin to make bouncing balls. So, he decided to send these rubbery balls to Europe. Over there the English scientist Joseph Priestley discovered its ability to rub off lead pencil marks and named it rubber. But, it was British engineer Edward Nairne who invented and sold the first rubber erasers in Europe. Nairne claimed to have come upon his invention by mistake!



# Eraser Invention



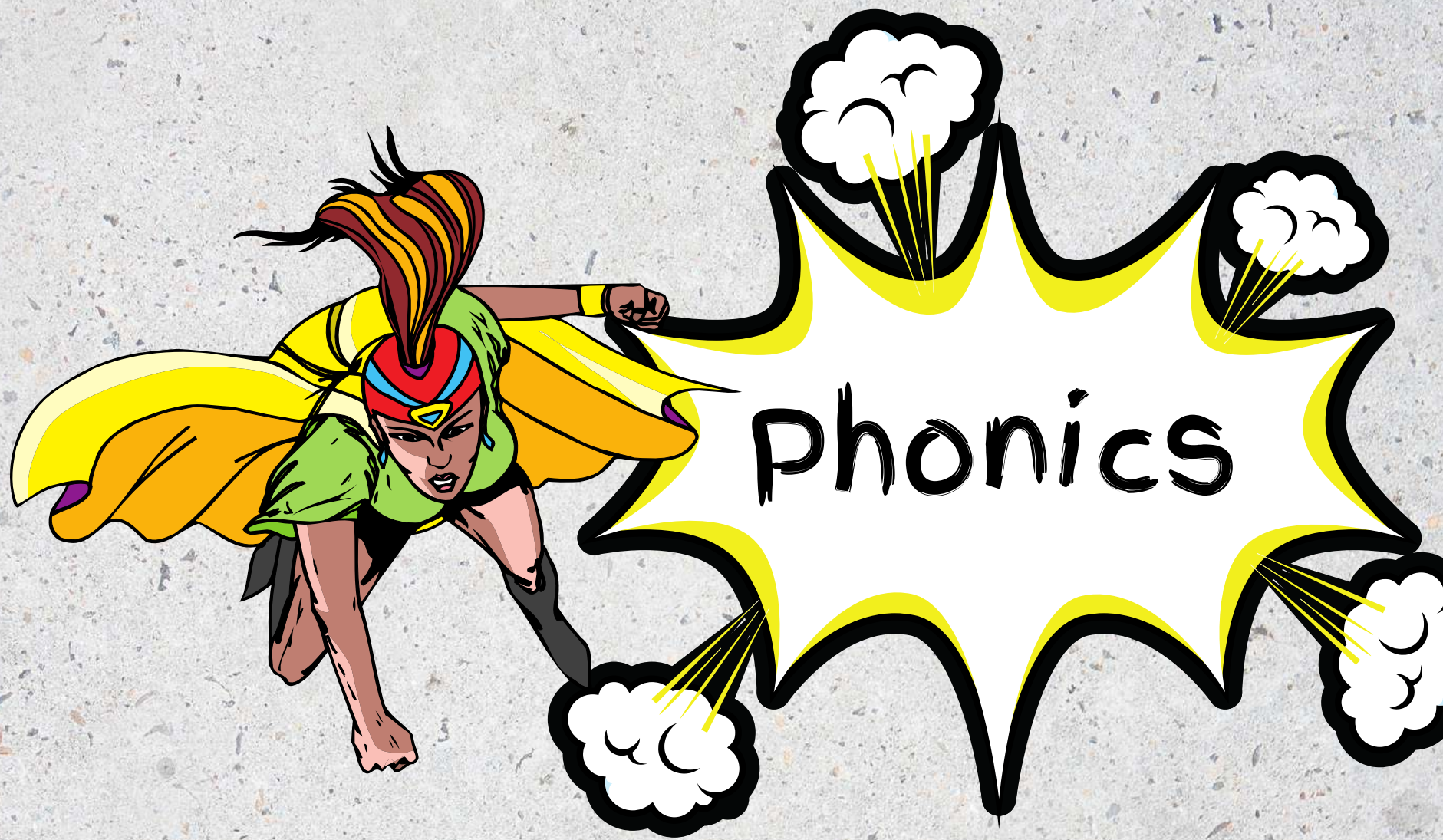
One fine day while writing, Nairne mistakenly picked up a piece of the rubber instead of a bread ball and realized it could erase lead from a pencil. Soon he began selling rubber erasers. They became popular very quickly. But, there was a tiny problem with this product as the rubber was not **durable** and would rot. A solution to this rotting problem came in 1839 when an American inventor named Charles Goodyear discovered how to harden rubber. He accidentally dropped a piece of the rubber, treated with sulfur, onto a hot stove. Heating rubber treated with sulfur made it long-lasting and helped it become popular worldwide.



Sulfur can be found near volcanoes and hot springs.



They named a tire company after Goodyear.



Phonics

# Phonics

ore, oar, oor, and sometimes our  
are pronounced like or.

**ore**

core

store

before

more

**oar**

board

roar

soar

hoard

**oor**

floor

door

poor

moor

**our**

four

pour

your

course

# Super English

See you  
Next time!

