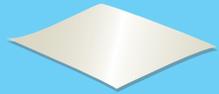


How to make bubble gum



1. Unfold the wax paper.
Place it on a smooth clean surface.



2. Pour 1/2 of the powdered sugar
on top of the wax paper and make
a well in the top of the pile.



3. Empty the gum pellet packet
into the mixing container.



4. Add the gum flavor and
the corn syrup onto the gum pellets.



5. Microwave mixture on **HI** for
5-10 sec. intervals until
melted. Stir between each
interval. **Careful it's HOT!**



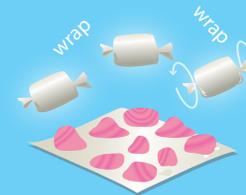
6. **Careful it's HOT!**
Pour the hot melted mixture into
the well of the powdered
sugar mound.



7. Mix with the included tool until it
is cool enough to knead by hand.
**NOTE* You may want to add
food coloring.**



8. Add remaining powdered
sugar as needed. Knead until
the mixture is smooth and
will not absorb more sugar.



9. Enjoy your gum any time, any
way you like! Wrap extra
pieces in wax paper for later!



Kit Contains

- Bubble Gum Base (packet containing pellets)
- Corn Syrup (packet containing clear syrup)
- Powdered Sugar (packet containing white powder)
- Waxed Paper
- Mixing Tool
- Bubble Gum Flavor (the smallest packet)
- Mixing Container

Extras

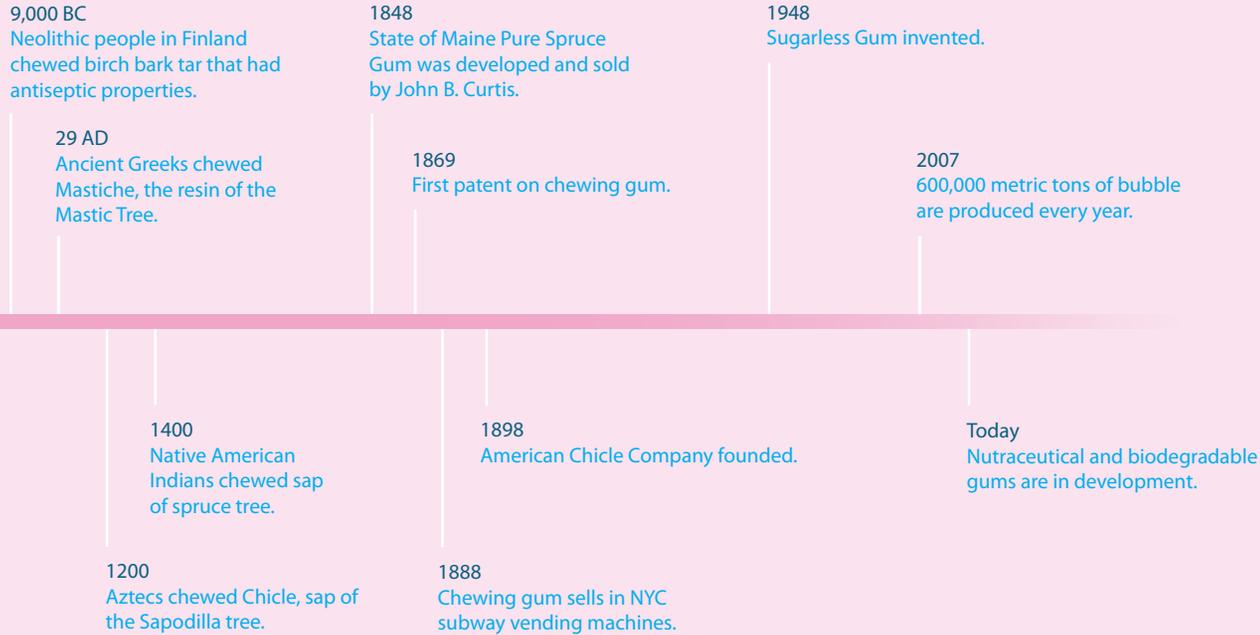
- Microwave
- Food Coloring (optional)

Total Time: 30 minutes
Wash your hands before you begin.
Keep your work area clean.

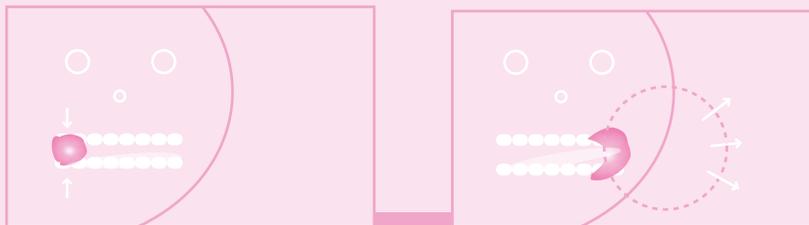
* If you want, experiment to make your own cool bubble gum flavors.
Here's how: at Step 4 don't use the gum flavor packet. Substitute 1-2 teaspoons of any liquid extract you choose.
Or, use a spice, such as cinnamon or cloves for your gum.



Gum History



How to blow a bubble



1. Chew gum until soft.
2. With your tongue, press and flatten gum into a circle behind your teeth.

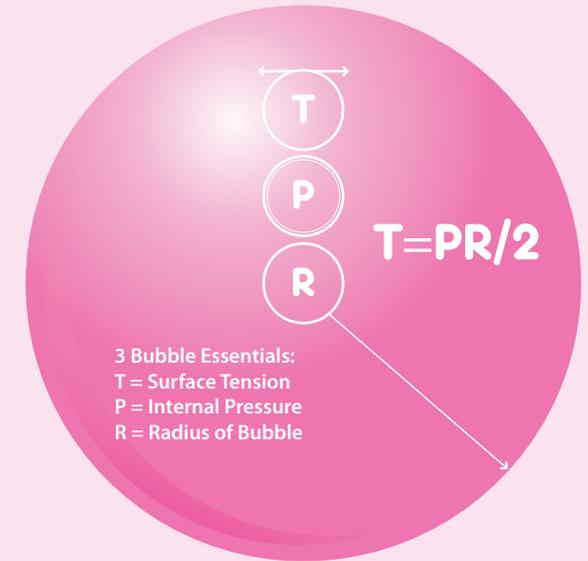
3. Gently push tongue into the gum creating a small pocket.
4. Move tongue out of gum. Gently place between your lips and blow it up.



Bubble Physics



Bubbles are governed by the function of tension and pressure. In other words, the tensile strength and the elasticity of the gum's surface must be strong enough to withstand the growing internal pressure. If it cannot, the bubble POPS!



A bubble's wall thickness determines the shape of the bubble. The bubble will expand in the direction of the thinnest part of the wall. This will result in irregular shapes and double bubbles.

WHY IS BUBBLE GUM SO STRETCHY?

Visco-elasticity, that's why! The molecular structure of gum is made up of big and long molecules that get all tangled up together. As you chew the gum, your saliva gets in between the molecules, so they slip by each other easily. That's how the visco-elasticity of the gum increases, making your bubble gum stretchy like a spring and also able to flow like a liquid.