



## Dear Educator

We are delighted to bring a world of basic skill-building and fun to your classroom through this teaching kit—*The Terrific Tootsie Roll: A Tasty Story*. This program is designed to stimulate a broad range of skills with ready-to-use activities based on the history of the development of the famous Tootsie Roll.

This kit includes three appealing activity masters for use in the classroom, carefully designed by educators like you, for students in second through fourth grades. The activities strengthen cognitive and word skills, foster counting and addition abilities, introduce an elementary knowledge of geography, and stimulate creative thinking and writing skills.

We hope you will share these valuable resource materials with other teachers in your school. Although the material is copyrighted, you may make as many photocopies as necessary.

Please fill out and return the enclosed reply card. In order to keep our mailing lists current, only those teachers returning the card will remain on our list to receive future educational materials. We look forward to receiving your comments.

Sincerely,

Roberta Nusim  
Publisher

## Program Objectives

1. To promote the cognitive skills of letter and name recognition, counting, addition, and memory
2. To encourage geographic recognition
3. To stimulate creative thinking and good writing skills

## Program Components

- This complete educator's guide
- Three reproducible student activity masters
- A colorful wall poster for classroom display

## Target Audience

This teaching kit has been designed for children in grades two through four in language arts, mathematics, and the social sciences. The activities can be tailored to suit the interests and abilities of your students.

## How To Use This Guide

Review the materials and schedule the activities into your daily routine. The activity masters can be used with either a small or large group. The related activities are designed to reinforce and enhance the lessons on the activity masters and include some suggestions for younger and older students.

Each activity master was designed to build on the previous one, but you can alter the program as you wish in order to serve the needs of your students.

## How To Use the Wall Poster

Display the engaging wall poster in a prominent place in your classroom where the children can see it.

- Tell students that a football field is 120 yards long (including the end zone) and 160 feet wide. Have them multiply  $120 \times 3$  and then multiply by 160 to get the area in square feet. Then have them multiply by 50 to get the square footage of the Tootsie Roll plant. Answer: 2,880,000 square feet
- Have students find locations approximately 469 and 231 miles away and relate that distance to the number of Pops and Dots produced each day.
- Have students research the distance across the Atlantic Ocean.
- Use the numbers on the poster and in calculations in the activities above to review place value.
- Have students write a fun fact about themselves incorporating numbers.

## National Standards

For a detailed explanation of how these activities meet National Standards, go to [ymiclassroom.com/tootsie.pdf](http://ymiclassroom.com/tootsie.pdf)

## Activity

# 1

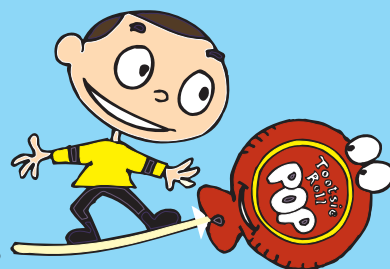
# Same-Name Match Game

### Concepts/Skills Covered:

Language arts skills, small-motor skills, memory

Tell the children that they are going to play a matching game with names, but that they first are going to create the pieces for the game themselves. Explain that when Leo Hirschfield made a new candy in 1896, he named it after his daughter, Clara, whom he called by her nickname, Tootsie. Students can go online to [www.tootsie.com/gal\\_your.php](http://www.tootsie.com/gal_your.php) to find out more about the history of the Tootsie Roll®. Explain that nicknames do not necessarily have to sound like the real name, and ask if anyone is called by a nickname that is entirely different from his or her given name. Ask students to think of some well-known people who have nicknames. Record their responses on the chalkboard.

After distributing a copy of Activity One to each child, ask if anyone has a name on the page. Then ask the children to draw a line connecting each name to its match and color each set the same color. When they have cut them out, pairs of students can play the Same-Name Match Game. (You can have them paste each name on a 3x5 card before they play.) Lay both sets of cards out, face down (there should be 4 of each name—48 cards total) and ask them to take turns turning the cards over to find two that match. They might know the game as “concentration.” The person who gets the most pairs wins the game.



## Related Activities

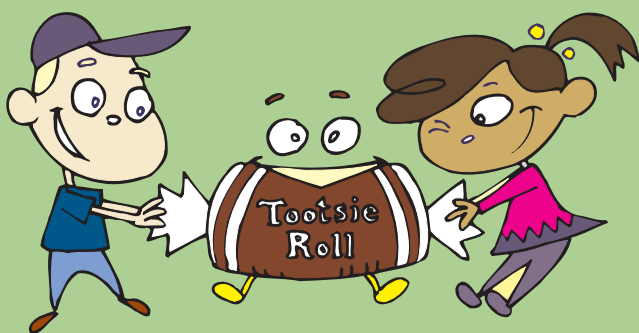
1. List each child's name on the chalkboard and ask students to create a simple graph showing the most common names in the room.
2. Discuss names in general. You might want to display a large map and talk about city and state names. How many states have a city or town named “Springfield”? How did our rivers get their names? You might talk about how the streets in your town were named. Ask children what their pets are named and why. Ask if anyone's father or mother has a business with an interesting name and story behind the name.

## Activity 2

# Colossal Candy Store

**Concepts/Skills Covered:** Identifying geometric shapes, addition and multiplication, money skills

**D**iscuss and identify geometric shapes—rectangles, circles, triangles, and squares—before you distribute copies of Activity Two.



Explain that the manager of the Colossal Candy Store has a problem. All the candy pieces got all mixed up on the store shelf. Students are going to help the store manager take inventory—she needs to know how many of each kind of shape she has on the shelf. After they have colored each piece according to the key, ask them to count and write down the exact number of each shape on the shelf. Then, they'll figure out the total price of each kind of candy. Go over the prices on the sheet and make sure students know where to record their answers. [Answers: 8 rectangles (Tootsie Rolls) cost 8¢; 7 circles (Tootsie Pops) cost 14¢; 5 triangles (Dots) cost 15¢; 4 squares (Junior Mints) cost 16¢. The shelf tags should read 10¢, 10¢, 6¢, 7¢, 9¢ and 11¢.]

## Related Activities

1. Ask children how many Tootsie Rolls you could buy for a nickel, a dime, and a quarter if a Tootsie Roll costs one cent. Play a game that combines different coins to get a total. Older children might be able to make change—for instance, if a Tootsie Roll costs 2 cents, how many could you buy for a nickel?
2. Write a sum of money in cents on the chalkboard. Ask how many pieces of one of the candies could be bought with that amount. Use different amounts and combine two candies to make the math more interesting.

## Activity 3

# Candy Country

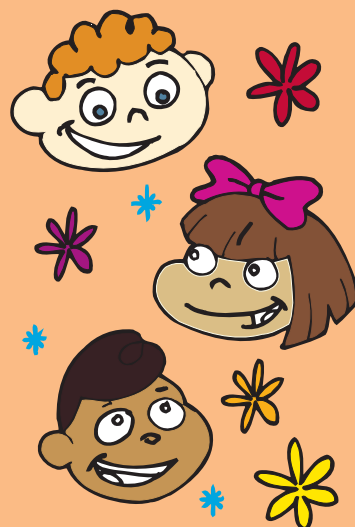
**Concepts/Skills Covered:** Geography

**E**xplain that the pieces of the map will fit together to form a place that students know. After they have cut out the six pieces carefully on the dotted lines, ask them to fit them together and paste them on heavy paper to form a map of North America. When they have assembled the map, tell them you are going to talk about the names of the states with the factories on the map: Maryland, Massachusetts, Wisconsin, Illinois, and Tennessee; and two countries: Mexico and Canada. These are the places where Tootsie Rolls candy is made. Ask the students to point to each state on their map. Students will then locate their state on the map. Ask them to complete the top of the page.



## Related Activities

1. Older students may go online to look up facts about each state where the manufacturing plants are located and record the following facts about each: population, capital, date of entry into the Union, state bird. They can report their findings back to their class or create a state bulletin board.
2. Gather as many of the state quarters as you can. Explain that they are issued in order of the date they joined the Union. Use the coins to talk about the 13 original colonies. Each coin has a picture that represents that state. Ask students what picture they would choose to best represent your state.

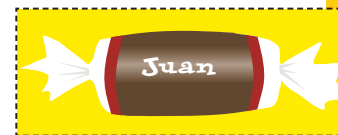
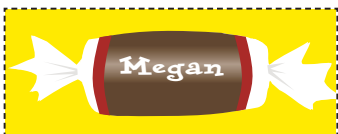
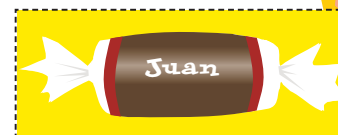
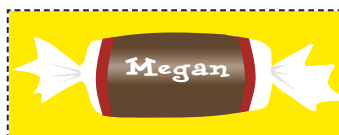




# Same-Name Match Game

Over a hundred years ago, a man named Leo Hirshfield made a tasty new candy! “What shall I name this new candy?” he wondered. “I know!” he said. “I’ll name this candy after my daughter, Clara!” But Clara’s didn’t sound quite right. One day it came to him! “I’ll name them after her nickname, ‘Tootsie’”, he said. And so, the name Tootsie Roll was born.

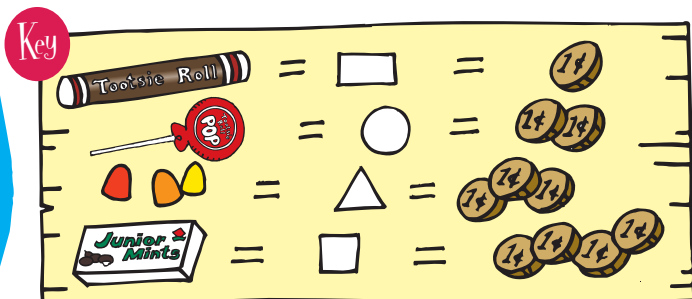
We all have names. Is your name here?  
Draw a line to match all the names. Then, your teacher will show you how to play a great game.







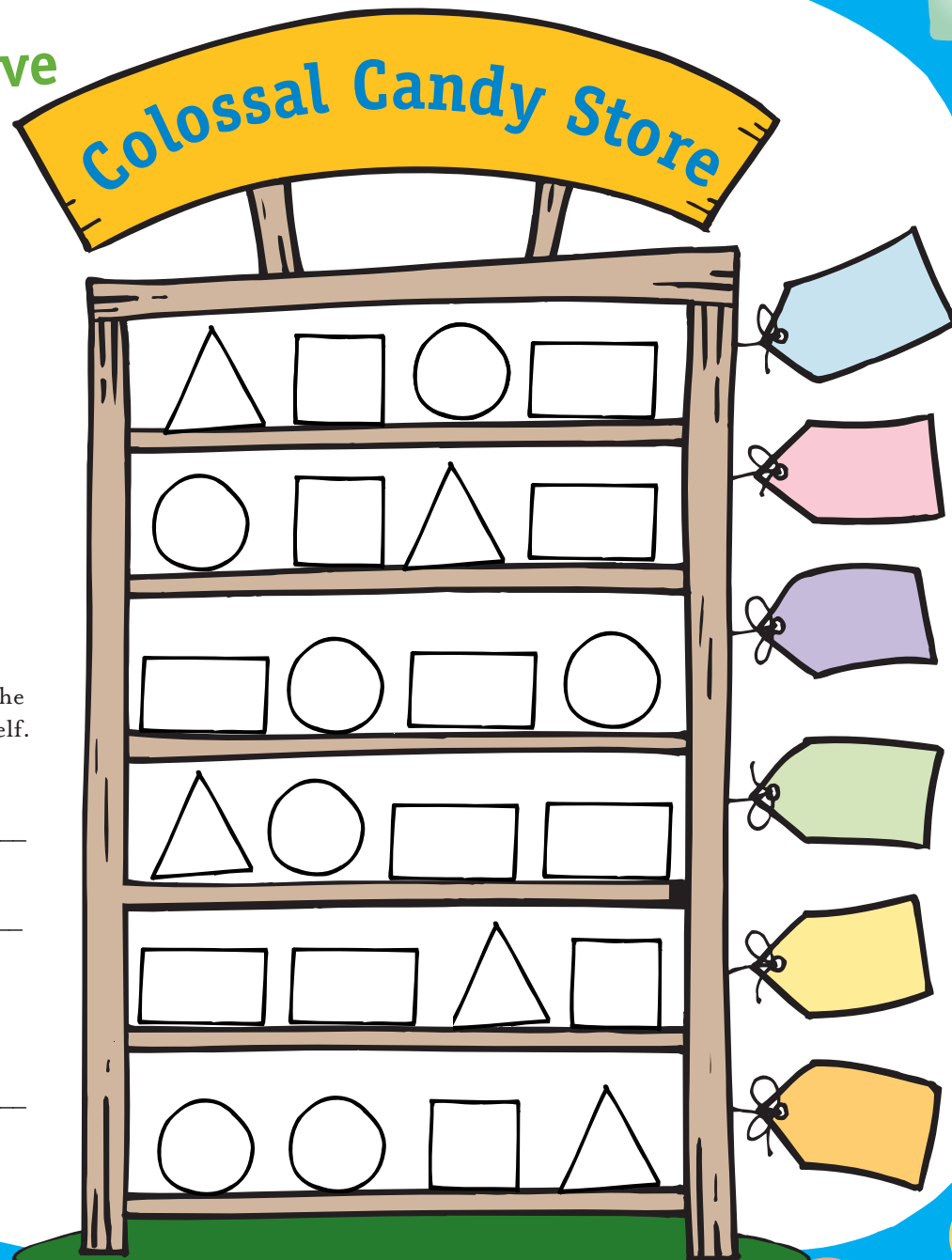
# Welcome to the make-believe Colossal Candy Store.



Color the shapes that match the Tootsie Rolls red.  
 Color the shapes that match the Tootsie Roll Pops blue.  
 Color the shapes that match the Dots yellow.  
 Color the shapes that match the Junior Mints green.


Now, using the key again, count how much it would cost to buy the candy on each shelf. Write the amount in the tag next to each shelf.

- How many rectangles are there on all the shelves? \_\_\_\_\_
- How much would it cost to buy all the Tootsie Rolls? \_\_\_\_\_
- How many circles are there on all the shelves? \_\_\_\_\_
- How much would it cost to buy all the Tootsie Pops? \_\_\_\_\_
- How many triangles are there on all the shelves? \_\_\_\_\_
- How much would it cost to buy all the Dots? \_\_\_\_\_
- How many squares are there on all the shelves? \_\_\_\_\_
- How much would it cost to buy all the Junior Mints? \_\_\_\_\_

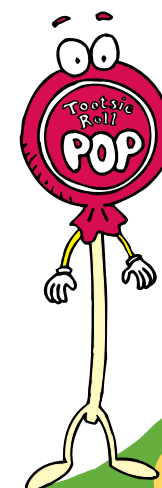
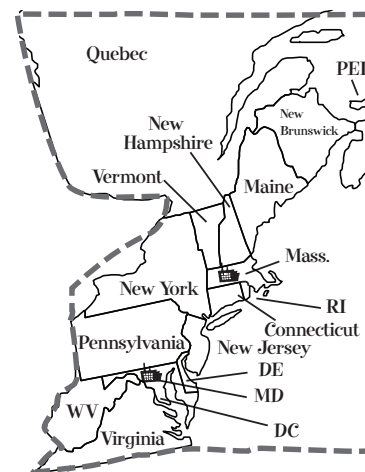
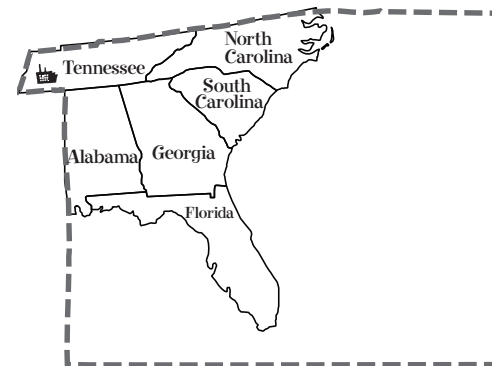
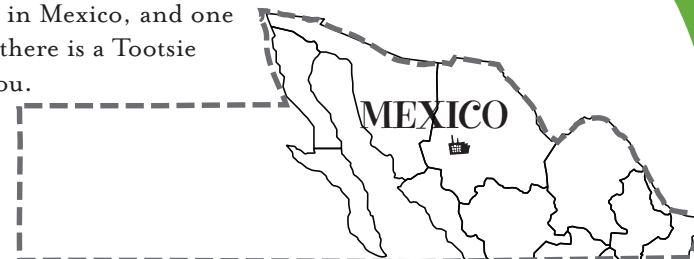




# Candy Country

Cut out the puzzle pieces below carefully. Put them together in their correct place. Now color your finished puzzle. There are five Tootsie Roll factories in the United States, one in Mexico, and one in Canada. Draw a Dot  in each state where there is a Tootsie Roll factory. Your teacher or parent can help you.

- Circle the state where you live.
- Write your state's name here: \_\_\_\_\_
- Draw a triangle where our nation's capital is located.
- Draw a star in all the states you have visited.



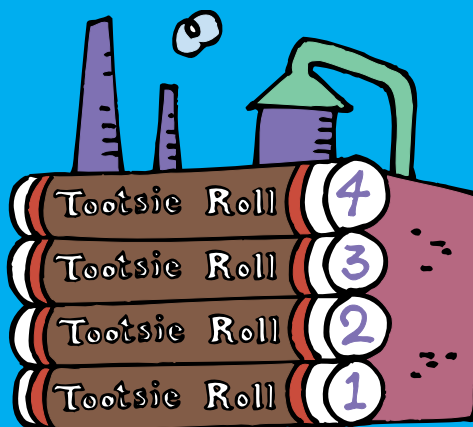


# It all started when...



In **1896**, Leo Hirschfield invented a candy he called the Tootsie Roll, named for his little girl.

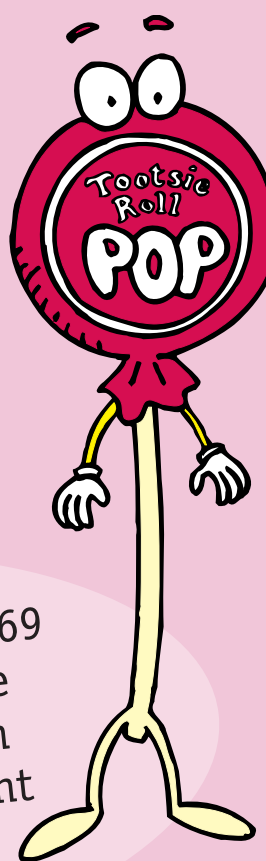
In **1905**, a new Tootsie Roll factory opened in New York City. It was four stories tall.



**Fun Fact!**

The current Tootsie Roll plant takes up the same areas as 50 football fields!

The Tootsie Pop, a lollipop with a Tootsie Roll in the center, was invented in **1931**.

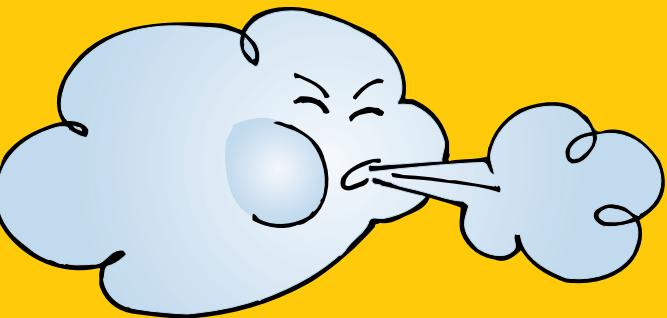


**Fun Fact!**

Approximately 469 miles of Pops are now produced in the Chicago plant each day.

## The Terrific Tootsie Roll: A Tasty Story

The Tootsie Roll factory moved in **1968** to Chicago. Chicago is sometimes called the "windy city."



**Fun Fact!**

The City of Big Shoulders, The Second City, and The City That Works are other nicknames for Chicago.

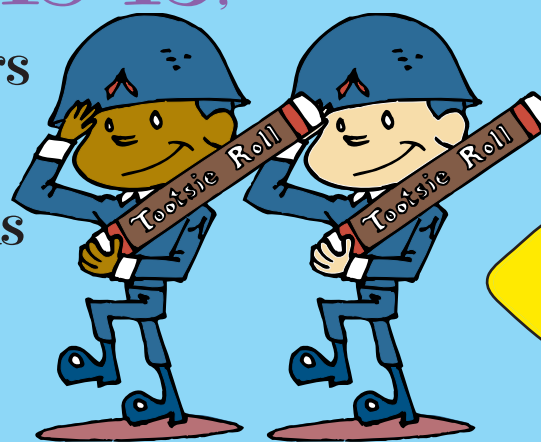
In **1952**, Tootsie Rolls became TV stars when they sponsored some of the first children's shows.



**Fun Fact!**

If you lined up the Tootsie Rolls produced in 2½ days, they would stretch across the Atlantic Ocean.

From **1942-1945**, American soldiers in World War II took Tootsie Rolls with them for "quick energy."



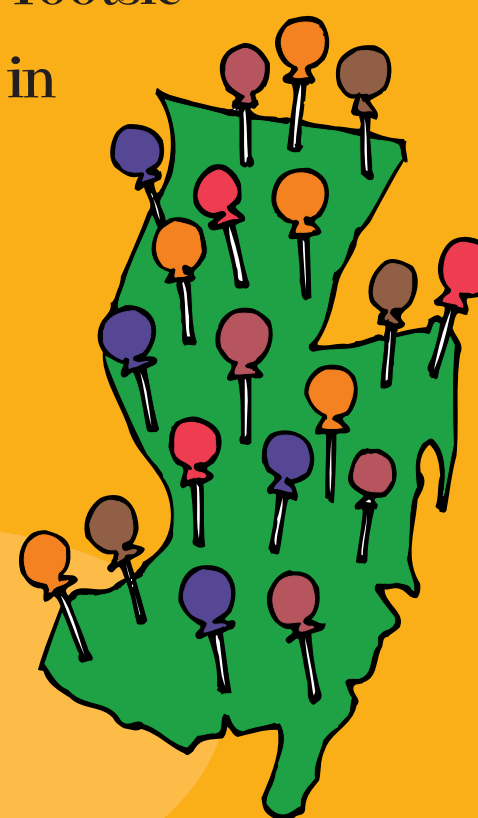
**Fun Fact!**

U.S. Marines survived on Tootsie Rolls during a harsh winter battle in the Korean War when their regular food froze solid.

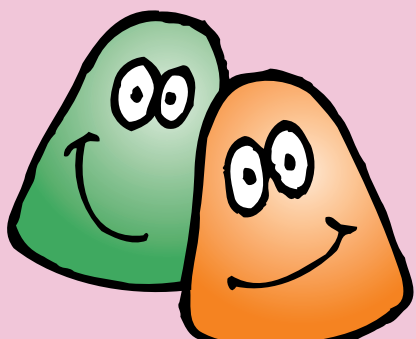
A new factory, which could make many more Tootsie Rolls, was opened in New Jersey in **1938**.

**Fun Fact!**

Approximately 64,000,000 Tootsie Rolls are now made each day.



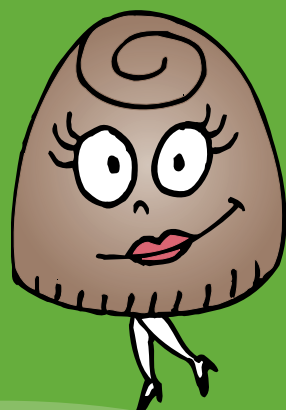
In **1972**, the Tootsie Roll team grew with two new candies. They are called Mason Dots and Crows.



**Fun Fact!**

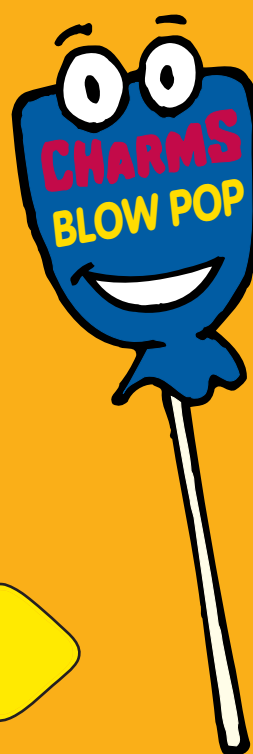
Approximately 231 miles of Dots are produced each day.

Cella's chocolate covered cherries joined the Tootsie Roll team in **1985**.



**Fun Fact!**

Cella's are made upside down! The cherry and syrup filling are poured into the chocolate cone "bottom" and sealed in by the flat chocolate "top." Then they are flipped over!



Adding Charms Blow Pops to the team in **1988** made Tootsie Roll the largest producer of lollipops in the world.

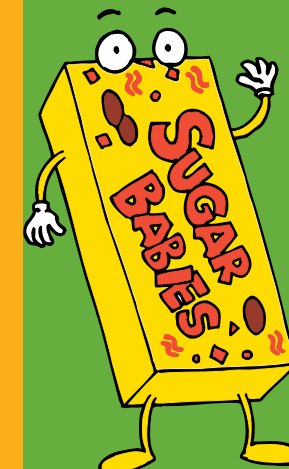
**Fun Fact!**

If you lined up the lollipops produced in 51 days, they would circle the Earth.

A drum roll, please, for the **1993**



additions to the Tootsie Roll team! They are: Junior Mints, Sugar Daddy, Sugar Babies and Charleston Chew.



**Fun Fact!**

Junior Mints were named after "Junior Miss," a top Broadway play in 1949.

What new chapter in Tootsie Roll history will you be talking about in years to come?

**Fun Fact!**

The world is still waiting to find out how many licks it takes to get to the Tootsie Roll center of a Tootsie Pop. Perhaps the answer lies in your future!



In **2004**, the company started producing Double Bubble gum, Razzles, Nik-L-Nips and Cry Baby.

**Fun Fact!**

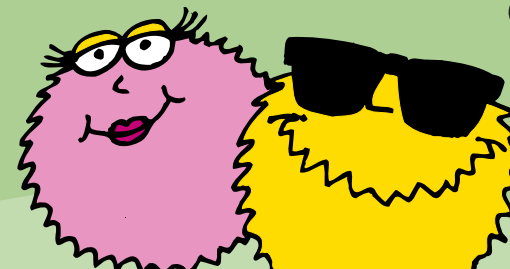
Double Bubble was invented in 1928 by an accountant during his spare time.



In **2000**, Fluffy Stuff cotton candy and Andes Candies joined the Tootsie Roll team to welcome the new millennium.

**Fun Fact!**

A millennium is a period of time equal to one thousand years.



It's **1996!** Happy 100<sup>th</sup> Birthday, Tootsie Roll! You're 100 years old this year. Blow out your candles.



**Fun Fact!**

If you live to be 100, you'll be called a centenarian.