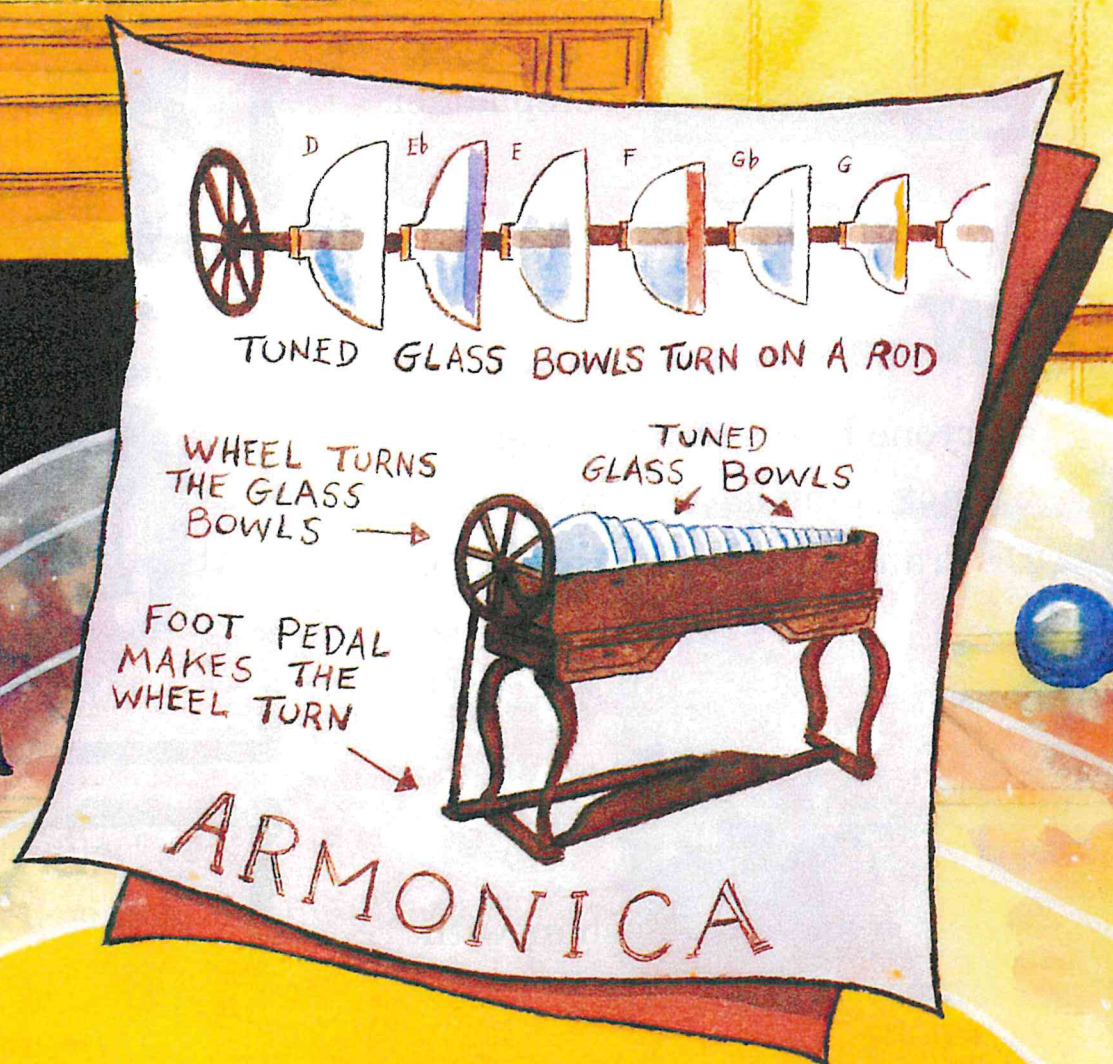


Ben***

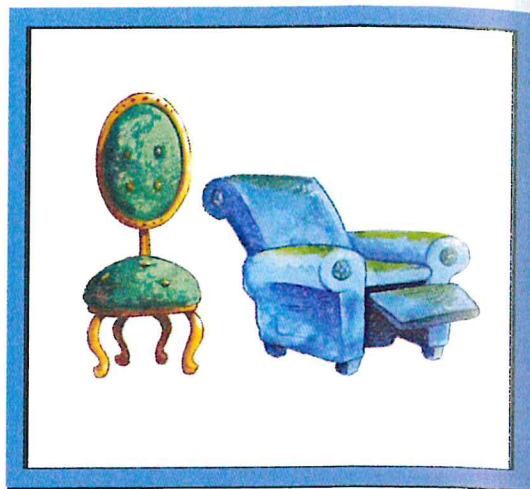
invented the glass armonica. He was able to create music by simply touching his wet fingers to a row of spinning glass bowls. Mozart and Beethoven were so moved by the sounds that they **composed** for the instrument.

Today, glass armonicas are very rare. You are more likely to find one in a museum than in a music store.



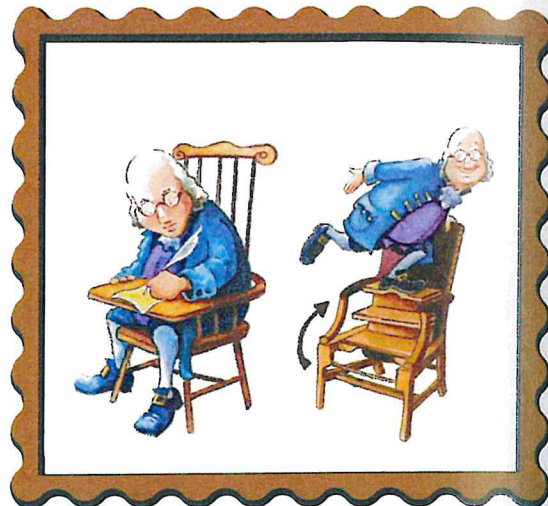
NOW...

chairs come in all shapes and sizes.



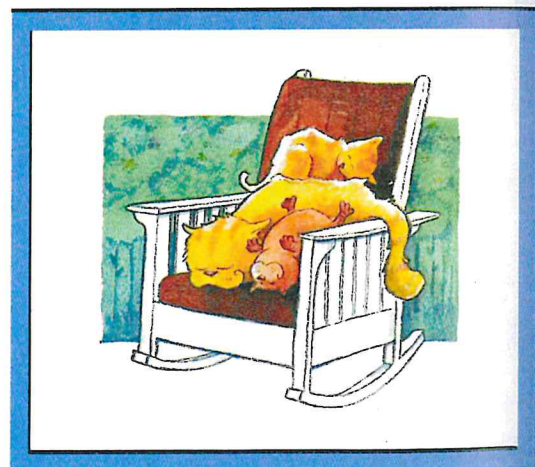
Ben...

designed two chairs that are still very useful. The writing chair combined a desk and chair into one. The library chair was a combination chair and stepladder.



NOW...

everyone has seen a rocking chair, but not many have seen Dr. Franklin's rocking chairs.



Ben...

invented one rocking chair with a fan on top and one that churned butter.



Now...

every year, we observe daylight saving time, which means we set our clocks ahead one hour in the springtime. As a **result**, it stays darker longer in the morning when most people are sleeping and stays light longer at the end of the day so we can save more energy. In the fall, we return the clocks to standard time.

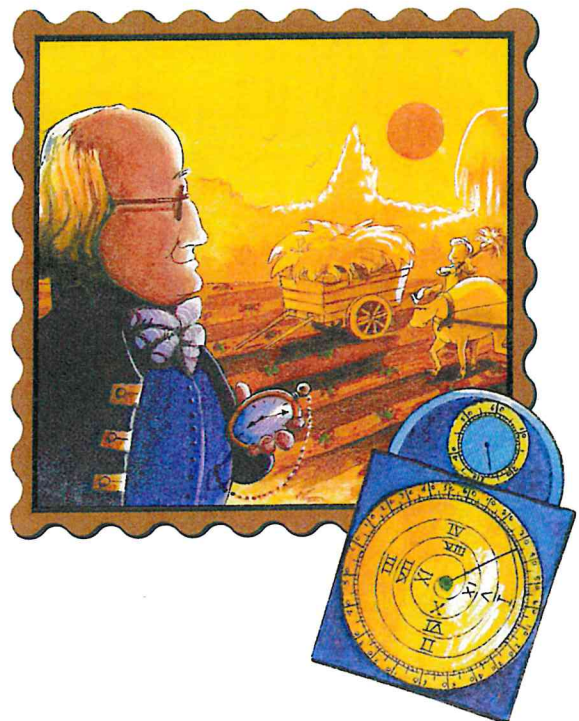


Ben...

suggested this idea in one of his essays as a way to save money by burning fewer candles. Farmers could also gain more work time in the evening. Daylight saving time was not officially practiced until World War I, more than a hundred years later.

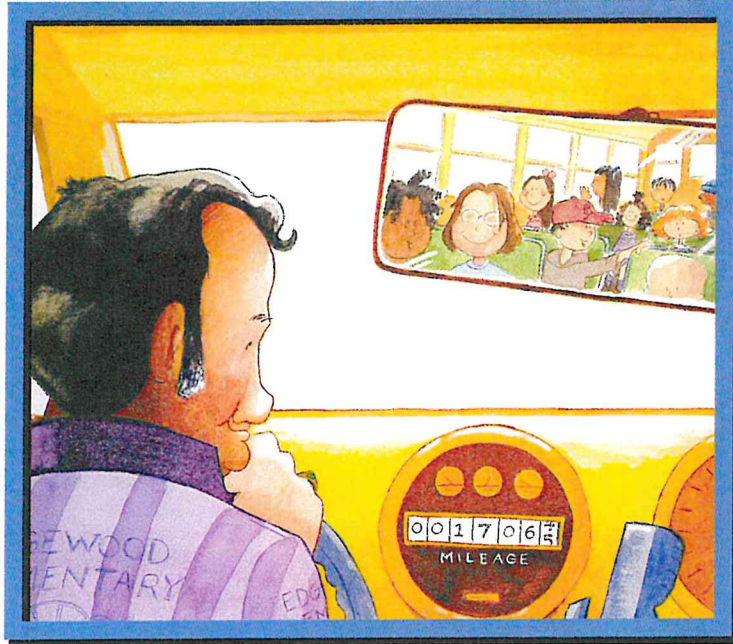
As for clocks ...

Ben designed the first clock with a second hand.



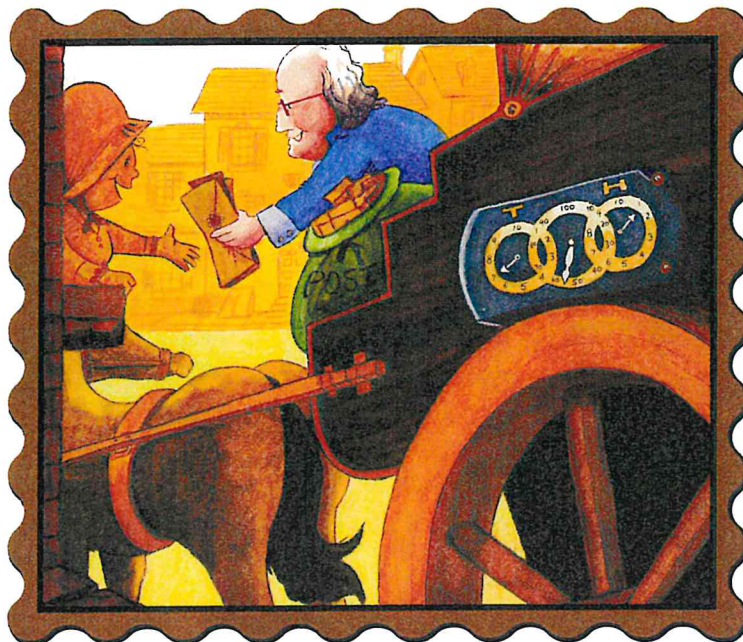
Now...

every automobile has an odometer to measure the distance it travels.



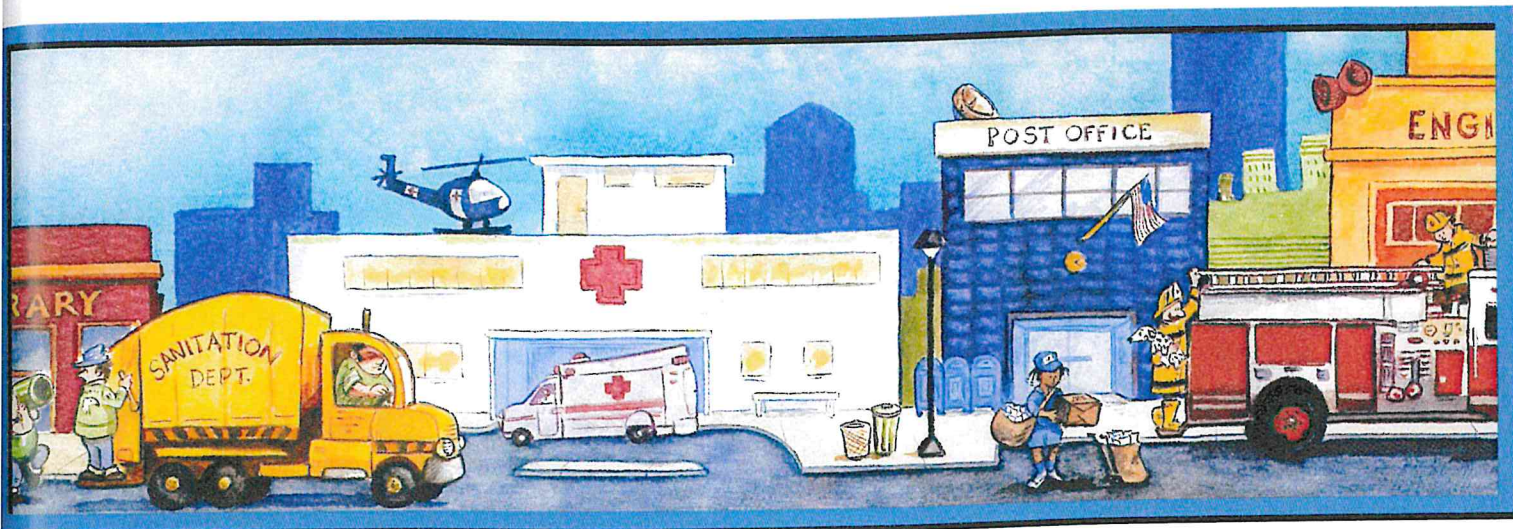
Ben...

invented the odometer when he was postmaster general so he could measure his postal routes.



Now...

almost every large community includes a library, a hospital, a post office, a fire department, and a sanitation department.

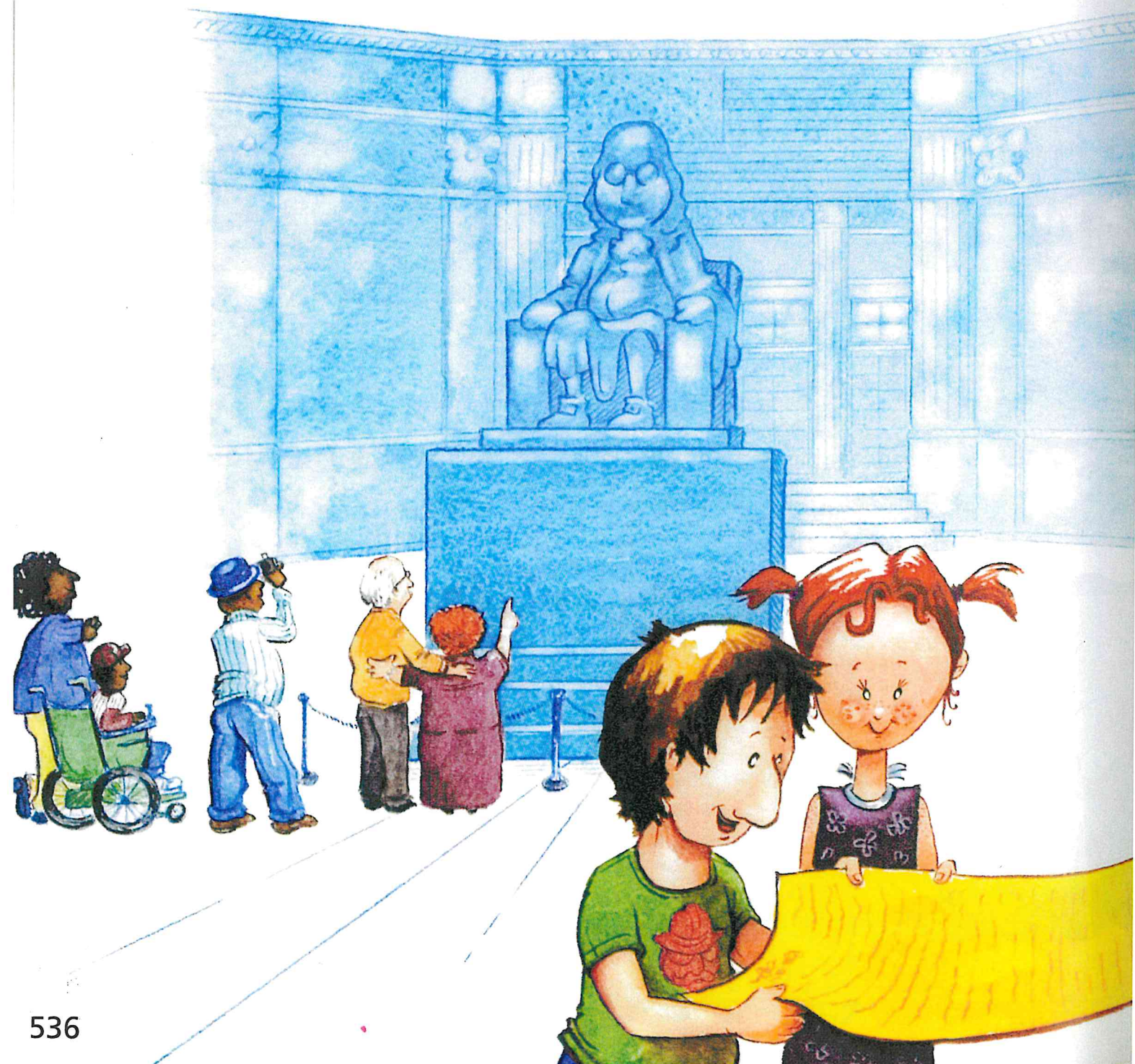


Ben...

lived in a city that had none of these establishments, so he helped organize the first of each.



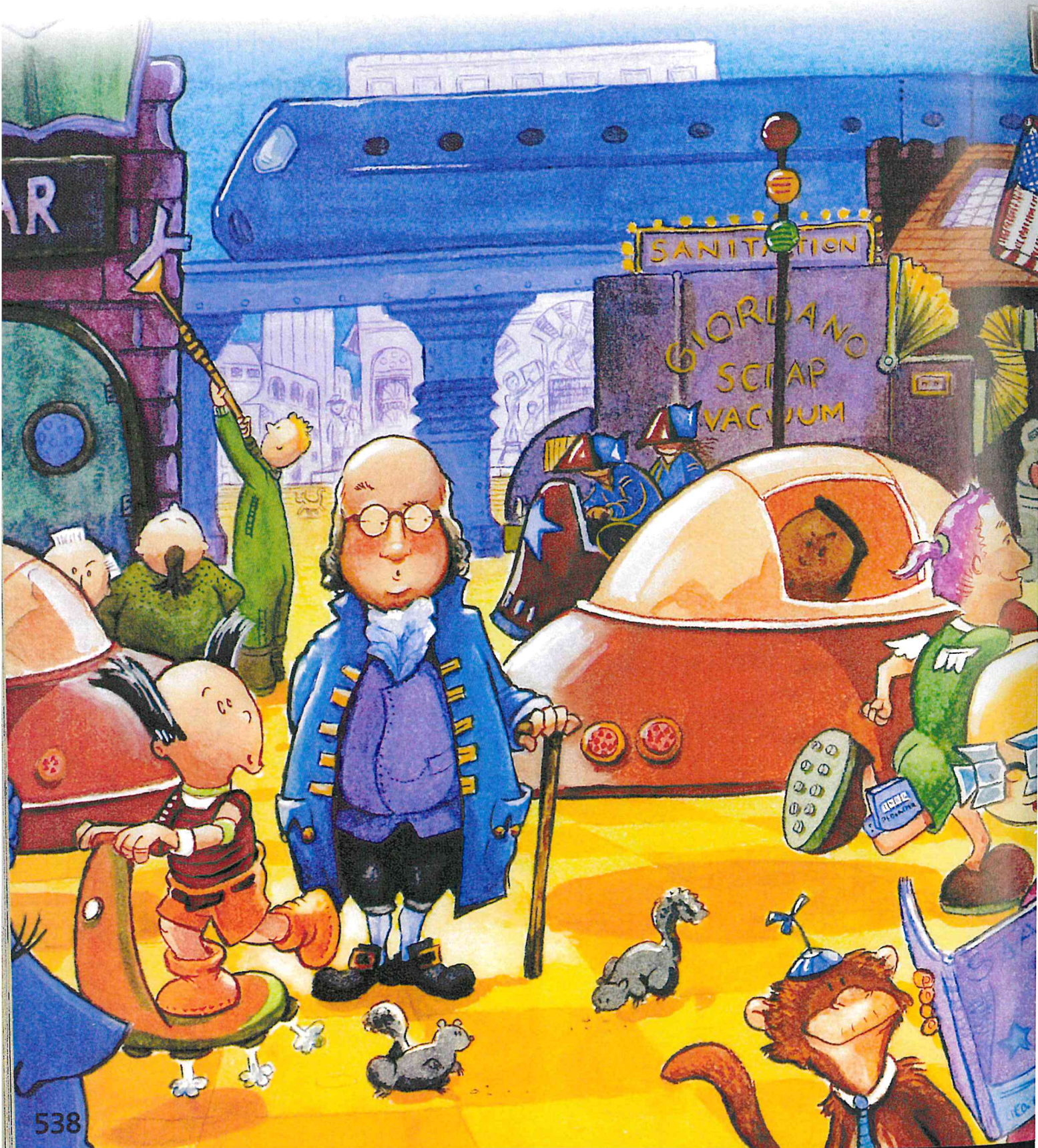
Now... and then, we owe thanks to Ben for his important inventions. But many would agree that his greatest **accomplishments** came in the form of documents—documents that helped shape the world.

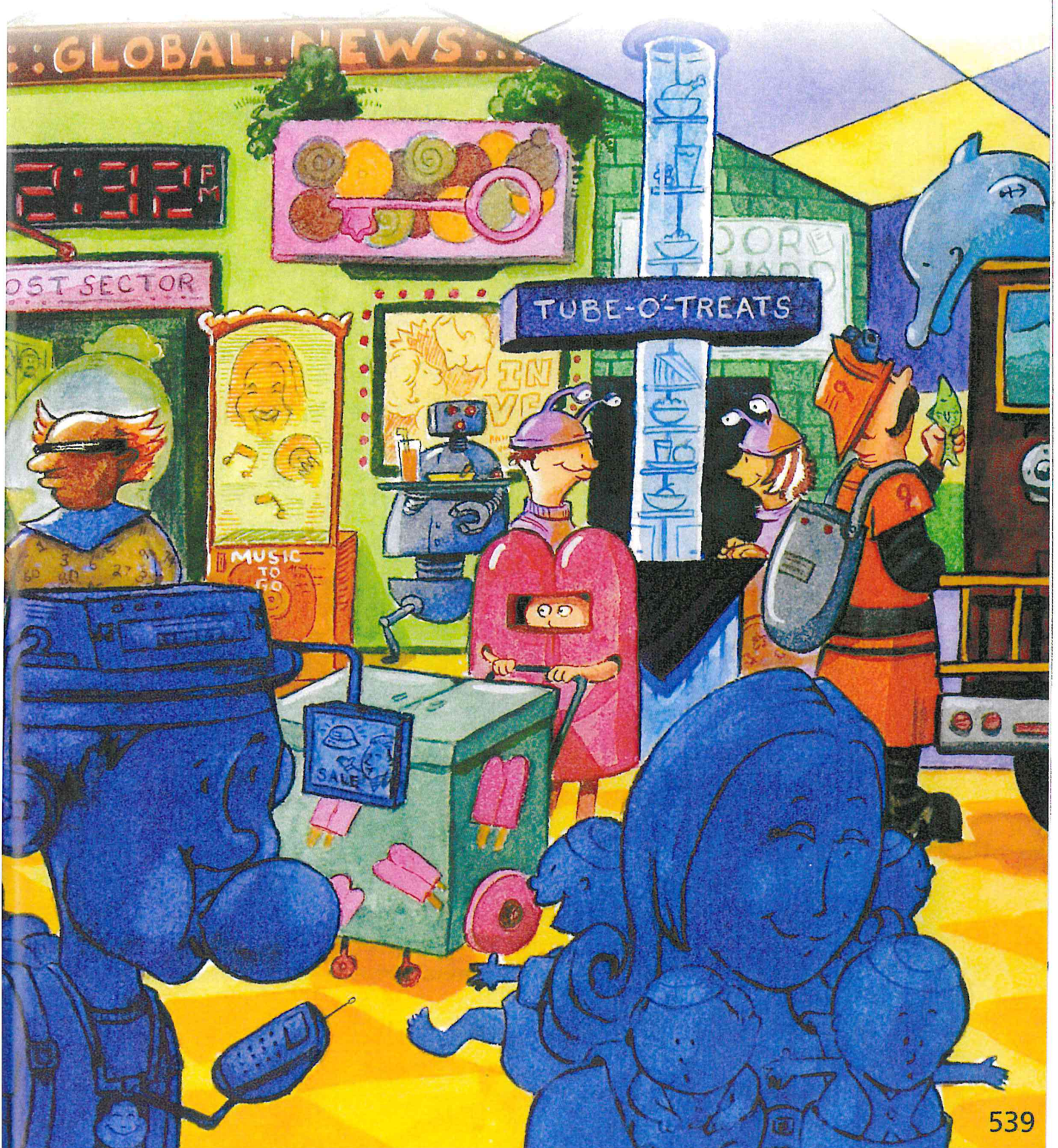


Ben♦♦♦ had a pivotal role in developing America's Constitution, the Treaty of Alliance with France, the Treaty of Peace with England, and the Declaration of Independence. It's **remarkable** that one man could **achieve** so much in a lifetime. He has certainly helped to form the modern world. . . .

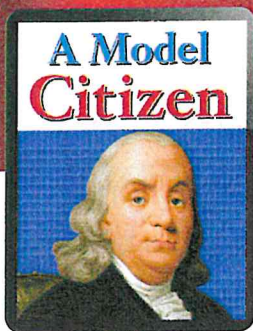
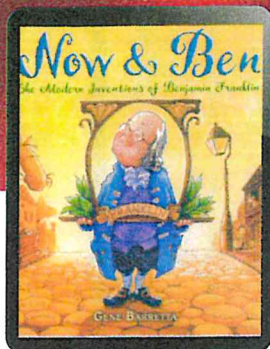


Will his contributions help to form the future?





Lesson 30



Q LANGUAGE DETECTIVE

Talk About Words

Work with a partner. Take turns asking and answering questions about the photos. Use the Vocabulary words in your questions and answers.

Vocabulary in Context

- ▶ Study each **Context Card**.
- ▶ Use the Vocabulary words to tell a story about two of the pictures.

1

inventions

Wheels are one of the **inventions** that we use in many different ways.



2

remarkable

The telephone is a **remarkable** invention that lets you talk to people.



3

designed

These boys **designed** and built a truck from blocks that snap together.



4

amounts

These light bulbs give off different **amounts** of light.



5

accomplishments

One of Ben Franklin's many **accomplishments** was bifocal glasses to see near and far.



6

achieve

Wanting to succeed helped Ben **achieve**, or reach, his goals. This is a statue of Ben.



7

composed

Beethoven is famous for the beautiful music he **composed**, or wrote.



8

result

When a musician plays the armonica, beautiful music is the **result**!

