## 2016 Mathematics Awareness Month

## The Future of Prediction

**TELEPHONES** WATCHES **COMPUTERS** INTERNET OF THINGS

Yogi Berra, paraphrasing Niels Bohr, said "It's tough to make predictions, especially about the future." Throughout Mathematics Awareness Month 2016, we will explore how mathematics and statistics are the future of prediction, providing insights and driving innovation. During the month, we will be asking the question, "What's next?" and exploring how mathematicians and statisticians contribute to the future. So, visit the website and join the quest to help us predict future timeline entries.

"Want to make accurate predictions? Get lucky, get psychic, or get data! Good data + great statistical methods = great future for prediction!"

JESSICA UTTS, 2016 American Statistical Assocation President

**JOIN THE DISCUSSION!** What does the "Future of Prediction" mean to you? Share your thoughts by tweeting @mathaware or sharing on www.mathaware.org

> **2011** Nest Labs, Inc.,

2015

Wearable tech goes big. Fitness

trackers (such as the FitBit Flex,

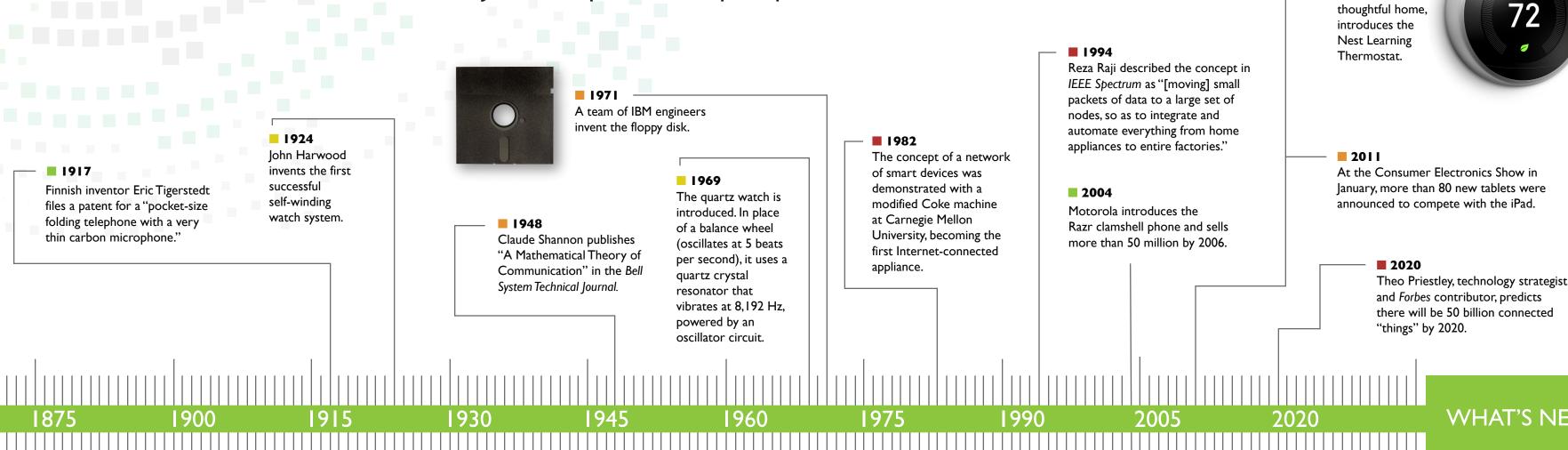
shown) and smart watches gain

mainstream popularity.

Apple releases

the Apple Watch.

architect of the



**1876** Alexander Graham Bell is granted U.S. Patent 174,465 for his "Improvement in Telegraphy."

1930s The rotary dial telephone becomes common.

"The industrial revolution has become the information revolution, with mathematics and statistics as the power tools of a new economy. Phones now predict when you will get home. Search engines predict the spread of disease. Numerical models predict the weather. Math makes new inventions possible."

**2016 Mathematical Association of America President** 

**1963** American Telephone & Telegraph Company (AT&T) introduces the push-button telephone

1943-1944 Two University of Pennsylvania professors create the Electronic Numerical Integrator and Calculator (ENIAC)—the "grandfather" of digital computers. The machine filled a 20-foot by 40-foot room.

**1974** Personal computers begin to hit

> 1984 Casio creates the Databank, a calculator watch that can store appointments, names, addresses, and phone numbers.

**1985** 

Microsoft

introduces

operating

system.

the Windows

2007

Apple's Steve

the iPhone.

**1999** 

of Things" was

entrepreneur

Kevin Ashton.

coined by British

1994

data to a PC.

Timex introduces the Datalink—a watch that

can wirelessly transfer

Jobs introduces

**2014** 

market.

## WHAT'S NEXT?

PARTICIPATE ONLINE TO GET THE MOST **OUT OF MATHEMATICS AWARENESS MONTH** 

Visit the website to:

- Explore the mathematics and statistics that power prediction
- Participate in weekly challenges
- Ask an expert a question
- Submit your "Future of Prediction" video

www.mathaware.org