CHM FAMILY ACTIVITY

#EXPLORECHM HEALTH

How do you use computers? Technology is used as a tool to make our lives better and solve problems.

Use this activity with your friends and family. Look for **cues** to guide your exploration of the past, present, and future of health!

100

ILLUSTRATIONS: VERONICA-RONIT BLIMAN

Tips for Families
Artifacts are organized in each space by themes or topics.

Ask compare-and-contrast questions, such as:

- What do you observe about the artifacts that are next to each other?

- What do you see that is similar or different about them?

Ask open-ended questions about the artifacts, such as:

- What do you notice when you look closely?

- Are there parts of this artifact that look familiar to you?

Encourage children to use their senses while exploring the exhibits—during live machine demonstrations, listen, look closely, and smell. Remember: only certain artifacts should be touched!

Read the labels and artifact information together to answer questions and learn interesting facts.

Engage with everyone in your group and help children explore their interests. Share your own stories and make personal connections to the artifacts and innovators you learn about.

See and Do More
Stop by the Learning Lab to try hands-on activities and discover stories about innovators who are changing the world!

Take a Break
Enjoy some delicious treats in the Cloud Bistro. Remember, food and drinks are not allowed in the exhibit spaces.

Personal Needs
There are three bathrooms on the first floor of the building (please check the Museum map for more details). A Mother's Room is available on the second floor of the building. Inquire at the front desk for access.

Wi-Fi
Connect to "Museum_1st_floor" wireless network.

Check In
Remember to check any backpacks or large bags at the front desk. You can access these items throughout the day.

Picture Time
Take tons of photos (and selfies too!), but please keep your flash turned off! Share your fun moments on social media and tag us **@ComputerHistory** using **#ExploreCHM**.

Grab a Memory, Not the Artifacts!
Visit the Museum Store for interesting gifts and items to take home.
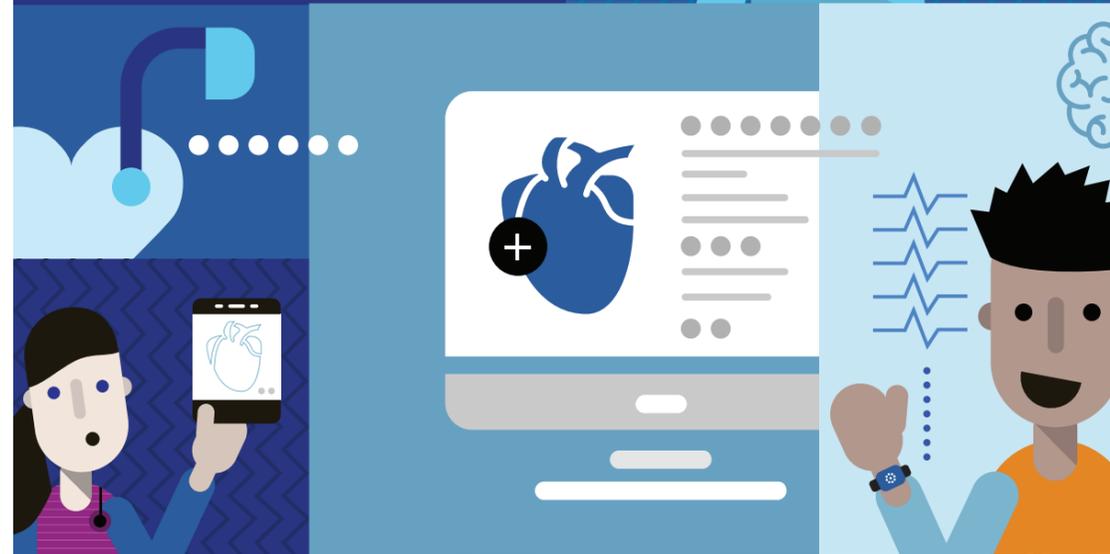
Visit Us Again
Ask about membership options, upcoming programs and events at the front desk.

Give Us Your Feedback
We'd love to hear from you! If you have questions or suggestions, please contact us at feedback_familyprograms@computerhistory.org to share your ideas.

PDP-8/E
GALLERY 11

Look closely and find some other uses of the PDP-8 computer system shown earlier in the gallery. Can you list two examples?

_____

PDP-8

NIKE + iPOD KIT
GALLERY 12

Look closely at this wearable technology that can help people monitor their fitness.

Draw or write some examples of wearable technology that you have seen or used:

PACEMAKER
GALLERY 6

Look closely and find where the pacemaker is located in the human body.

Find your pulse!
Each heartbeat you feel is blood pumping throughout your body. Natural electric pulses allow blood to flow. A pacemaker simulates this!

Think and share!
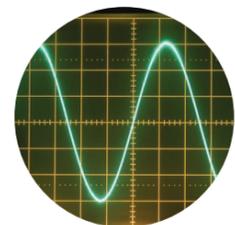How could someone's life be improved because of a pacemaker? Do you know anyone who has one?

Think and share!
How did the PDP-8/E improve brain surgery procedures for patients and doctors?
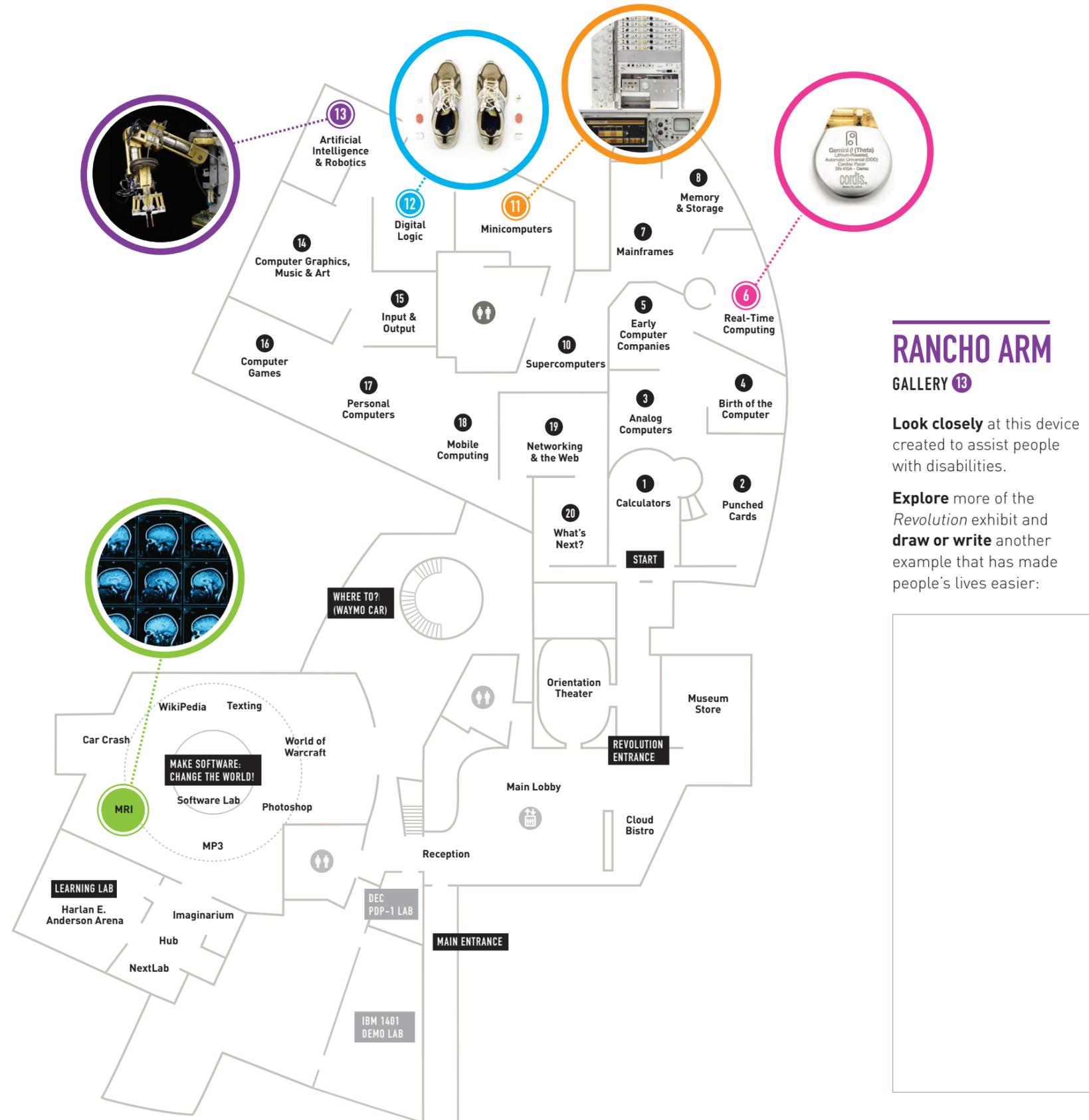
Explore the artifact. Can you find:
○ oscilloscope screen
○ power switch
○ pulse generator

Did you know?
Doctors wire patients to a computer to see brain waves, as in this image of an oscilloscope screen.

Map labels

13 Artificial Intelligence & Robotics
12 Digital Logic
11 Minicomputers
8 Memory & Storage
7 Mainframes
14 Computer Graphics, Music & Art
15 Input & Output
5 Early Computer Companies
6 Real-Time Computing
16 Computer Games
10 Supercomputers
4 Birth of the Computer
17 Personal Computers
18 Mobile Computing
19 Networking & the Web
3 Analog Computers
1 Calculators
2 Punched Cards
20 What's Next?
START
WHERE TO? (WAYMO CAR)

WikiPedia   Texting
Car Crash
MAKE SOFTWARE: CHANGE THE WORLD!
World of Warcraft
Software Lab   Photoshop
MRI
MP3
Orientation Theater
Museum Store
Main Lobby
REVOLUTION ENTRANCE
Cloud Bistro
Reception
LEARNING LAB
Harlan E. Anderson Arena
Imaginarium
Hub
NextLab
DEC PDP-1 LAB
MAIN ENTRANCE
IBM 1401 DEMO LAB

RANCHO ARM
GALLERY 13

Look closely at this device created to assist people with disabilities.

Explore more of the *Revolution* exhibit and **draw or write** another example that has made people's lives easier:

Continue to the next exhibit—
Make Software: Change the World!

MRI— MAGNETIC RESONANCE IMAGING

The power of the MRI machine lies within its:

_____

which transforms data into:

_____

Explore the gallery and find what MRIs are used for:

_____

_____

_____

Look closely at the touch table to compare MRI images of healthy and unhealthy bodies.

Create a selfie with your group! Take a photo and post it on social media **@ComputerHistory** with **#ExploreCHM**.

Reboot your brain!
Think of a health challenge that you or someone you know faces. **Imagine** or **draw** how you could use technology to help: