#EXPLORECHM TRANSPORTATION

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 transportation!

ILLUSTRATIONS: VERONICA RONIT BLIMAN

CHM

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.

CHM FAMILY ACTIVITY

START

ABS BRAKES

GALLERY 6

What do these letters stand for?

A _____

B _____

S _____

Explore the display and look for:

- ○ the steering wheel
- ○ the controller
- ○ diagram of electronic components in a car

Look closely and watch the video. What do you notice about how the vehicles stop or continue moving?

Did you know?
Vehicles with ABS brakes have a controller (computer) that senses when the car loses traction and controls the speed of the wheels.

APOLLO 11

GALLERY 7

Women in Tech!— A team at MIT wrote code for the Apollo 11 mission to land on the moon. **Look closely** and find the name of the lead engineer:

_____

_____

Think and share!
How is this computer different than the ones you use at school or at home?

Create your own mission. **Write** or **draw** items you would bring to space!

SHAKEY THE ROBOT

GALLERY 13

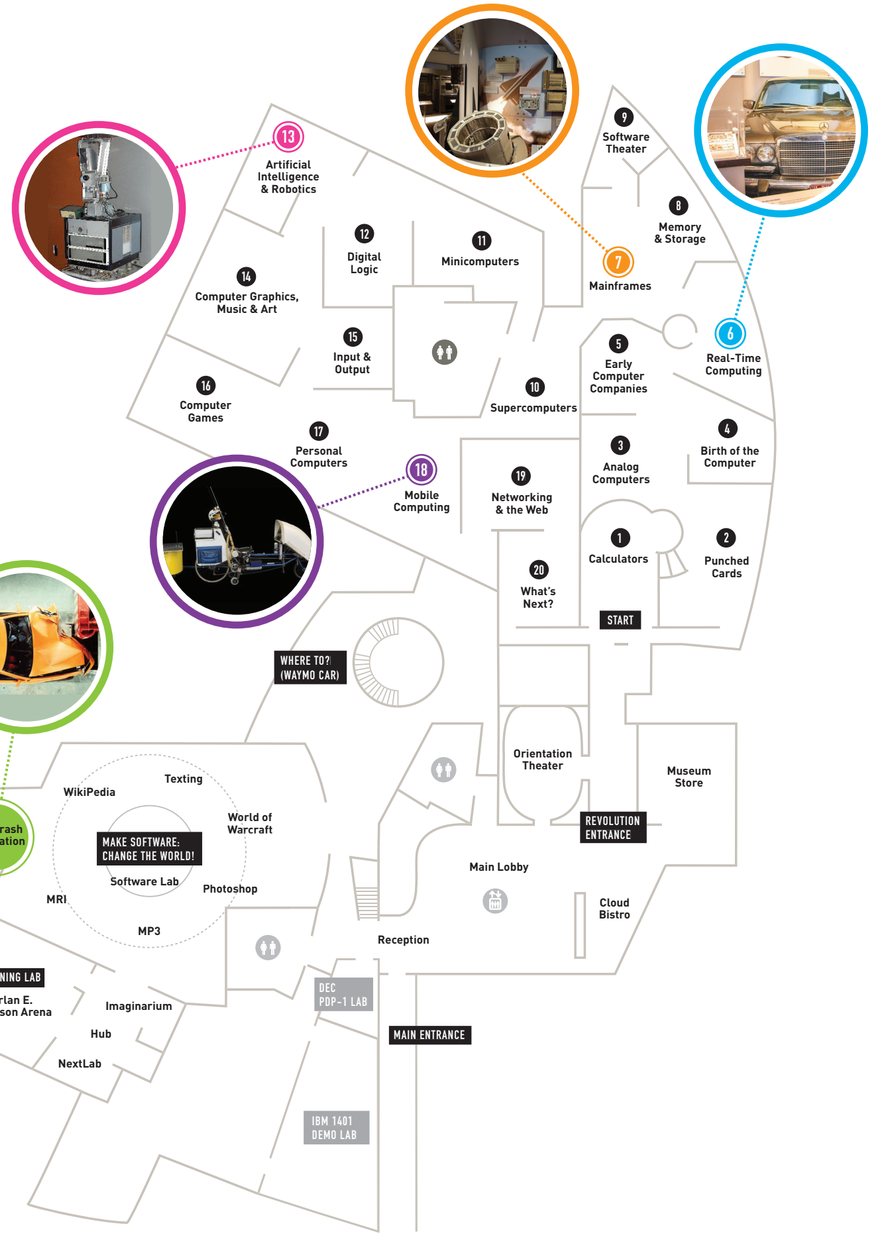
Look closely at the robot. Find two examples of how SHAKEY gets information from its environment:

_____

_____

Think and share!
How do self-driving *(autonomous)* vehicles or drones today use sensors, cameras, and technology similar to SHAKEY?

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



BEHEMOTH

GALLERY 18

Explore the artifact and list ways that innovator Steve Roberts incorporated different technologies into BEHEMOTH:

_____

_____

_____

The BEHEMOTH weighs 580 pounds! **Look closely** at the items below and circle two objects that you think weigh approximately the same amount:

1,510 iPhones

1 skateboard

23 Osborne computers (Find one in Gallery 18)

The Golden Gate Bridge

Think and share!
How do you and your family benefit from mobile technology?

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

CAR CRASH SIMULATION

Look closely at the touch screen kiosk to learn how this technology has changed and improved over time.

Create your own crash test dummy to help test cars!

Explore the crashed car and sit inside. List three areas of impact you can find on the car and in the crash video:

_____

_____

_____

Launch into the future!
Imagine and **draw** a transportation device that you will use for travel in the future:

HOORAY!