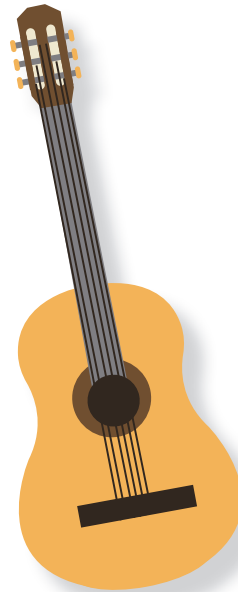# ENGINEERS DESIGN TECHNOLOGIES

When you hear **technology**, what do you picture? Computers and phones? TVs and video games? Technologies are more than things that require electricity or batteries!

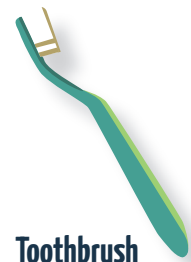A technology is anything designed by a person to help solve a problem or meet a need.

Which of these technologies have you used today?

Guitar

Cell phone

Toothbrush

Utensils

Recipe

Shoes

Basketball

Backpack

Engineers use curiosity, knowledge about how the world works, and problem-solving skills to design solutions for challenges. When people design technologies, they are engineering.

OREGON'S FIRST ENGINEERS

Native Americans have long used science and engineering to create tools, homes, clothing, cooking methods, and more—passing this knowledge down through generations.
Check out the posters to see technologies designed by Oregon's first engineers.

Technologies are all around us. Draw a technology you used today. Or, design and draw a new technology that helps you solve a problem.

Exploring Engineering at Home—A Note for Adults

Engaging in engineering activities builds creativity, critical thinking and problem-solving skills. Encourage your child to ask questions, brainstorm possible solutions, and try different ideas.

Let the fun happen! Help your child to "do it themselves" by allowing some messiness, letting them make mistakes, and guiding them with hints or open-ended questions— What happened? What do you want to try next? Can you show me how this works?

MUSEUM OF NATURAL AND CULTURAL HISTORY

Visit the museum online and find more ways to explore Oregon's science and culture.
www.mnch.uoregon.edu