

# STEM AT HOME MENU

Complete these activities using whatever materials you may have in your house. Once you've completed an activity, color it in!

## REVISE YOUR SMART GOAL

Revise your SMART Goal! Remember a SMART Goal is: Specific (be detailed), Measurable (chart progress), Achievable (can you complete it), Relevant (will this help you) and Time-Based (date you will finish).

## AUTOMOTIVE ENGINEER

Automotive Engineers design vehicles and test them to make sure they meet safety, style, and the comfort needs of the customer. Design your own vehicle prototype that meets your wants and needs!

## ASTRONOMER

Astronomers study planets, moons, stars, and other objects in space and chart their changes and interactions with each other. Design your own chart and observe how the moon changes throughout the week!

## RENEWABLE ENERGY ENGINEER

Renewable Energy Engineers develop alternative energy outputs like wind, solar, and hydropower energy. Create a list of things that you could do to save energy (i.e. taking shorter showers to save water).

POST A PICTURE OF ONE OF YOUR MENU ACTIVITIES AND POST ON SOCIAL MEDIA WITH **#GIRLSTARTGOES VIRTUAL**

## EXERCISE PHYSIOLOGIST

Exercise Physiologists understand how the body works to design and prescribe exercise programs to strengthen their patients. Create your own exercise equipment or activity to get yourself moving!

## SET DESIGNER

Set Designers are in charge of determining the materials and props needed to "create the scene" for a movie or a show. Use materials around your house to create a scene for your movie!

## MARINE ENGINEER

Marine Engineers engage in the research, development, and construction of new boats and their parts. Build a "flinker", or a device that partially sinks and partially floats.

## VIDEO GAME DESIGNER

Video Game Designers use knowledge of coding to design video games. We need your help to create a story and gaming mechanics (i.e. using the spacebar on a computer to jump) for a Girlstart video game.