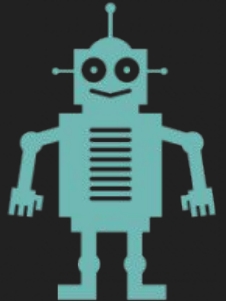




Robotics

Bear Elective



Note to Parents, Guardians, or other Caring Adult

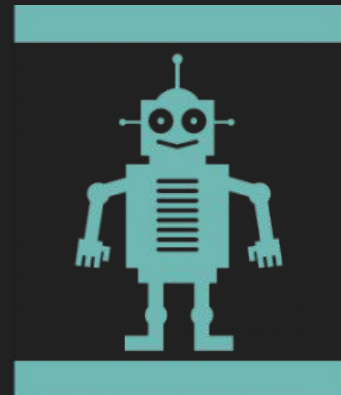
Occasionally, the requirements ask the Cub Scout to address or present to their den. This can be facilitated by recording your Scout with the use of a smartphone, computer with a camera, or an alternative device. WHEN RECORDING, PLEASE ENSURE THAT YOUR SCOUT IS WORKING WITH AN ADULT TO VERIFY THAT WE ARE USING SAFE INTERNET PROTOCOLS AND PROPER YOUTH PROTECTION GUIDELINES.

Please send or email your videos to your local Den Leader or Cubmaster so they can record your completion on this elective.

You can complete any of the requirements, but this slideshow is designed with preselected activities that would be most suitable to complete at home.

Online Resources

[Robotics Workbook](#)



Robotics Requirements

Complete at least four of the following

1. Identify six tasks performed by robots.
2. Learn about some instances where a robot could be used in place of a human for work. Research one robot that does this type of work, and present what you learn to your den.
3. Build a robot hand. Show how it works like a human hand and how it is different from a human hand.
4. Build your own robot.
5. Visit a place that uses robots.

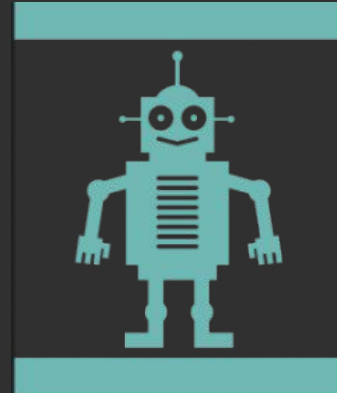
Robotics Requirements

1. Identify six tasks performed by robots.



[Robots at Work](#)

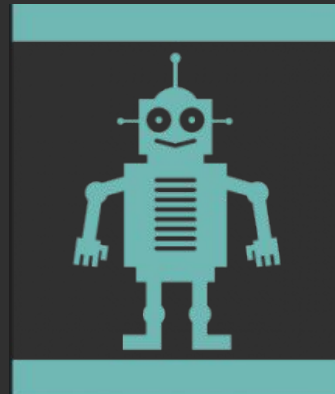
[NASA: What is Robotics?](#)



Robotics Requirements

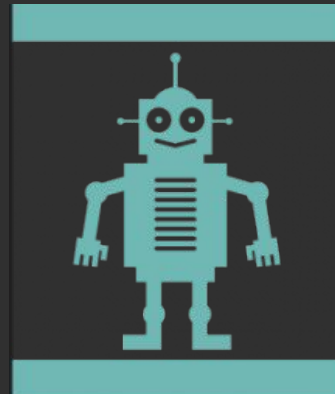
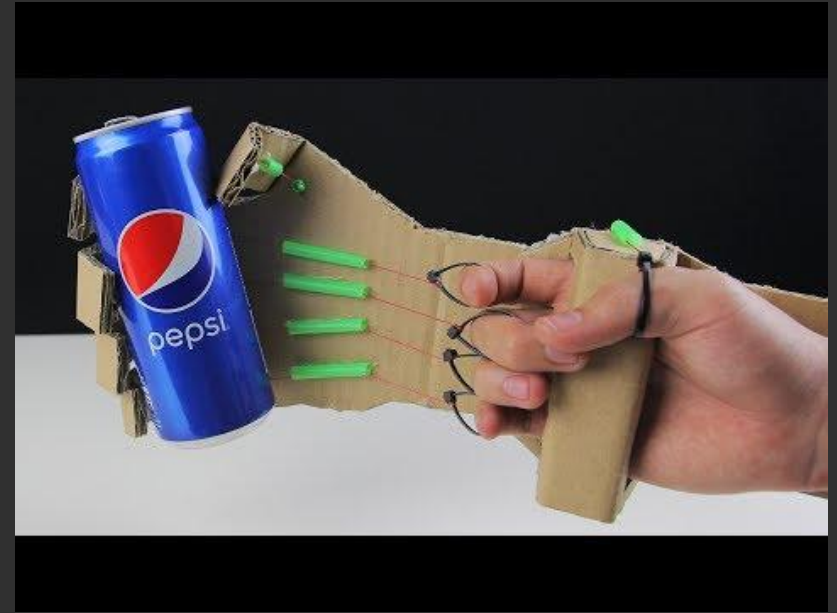
2. Learn about some instances where a robot could be used in place of a human for work. Research one robot that does this type of work, and present what you learn to your den.

Robot Facts for Kids



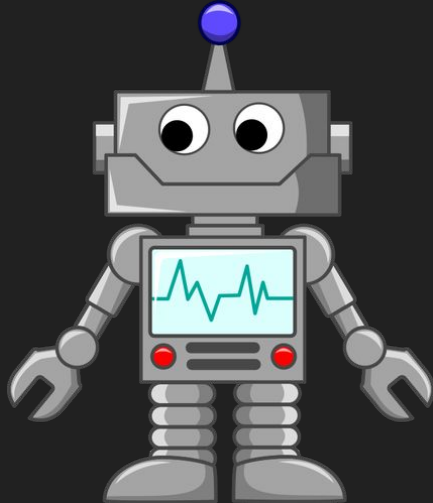
Robotics Requirements

3. Build a robot hand.
Show how it works like
a human hand and
how it is different from
a human hand.



Robotics Requirements

4. Build your own robot.



Top 5 Awesome,
Cheap, & Easy DIY
Robots You Can Build
In Your Own Home

