

TAKE OUR CHALLENGE AND START TO BUILD YOUR OWN ROBOT. WHO KNOWS WHAT YOUR INVENTION WILL BECOME.

THINK & MAKE MAKE & THINK

How do you know you are ready to start making? When we are surrounded by creative materials, we often jump right in and start glueing, cutting and building.

Sometimes we find it helpful if we try to understand why we are making and why we are using the materials that we chose to use. We find asking ourselves the following questions help us think about what and why we are making in new ways:

- Am I making this for myself?
- How can others use what I am making?
- How will I share my process with others?
- Do I like the feel of these materials?
- Are there other materials that could work better?
- Is there a way I can make my design more fun?
- Am I helping or hurting the environment with this project?

SCORING YOUR PROJECT

Design	4pts
Description	4pts
Socials	2pts

USE OUR SOCIALS BELOW...

MAKE A BIONIC HAND

YOUR FIRST STEP IN A LIFELONG JOURNEY THROUGH ROBOTICS.

In this project you will use materials found around your house to build a bionic hand! Now bionic is not robotic. What you will be making is powered by you - not a robot. That's why it is called a bionic hand and not a robotic hand. That makes me wonder though, once you have made your bionic hand, is there a way that you could make it robotic? How could your bionic hand close and open by itself?

For help on this project, please take a look at our full guide over on our projects page: <https://projects.brilliantlabs.ca/project-view/FmWMj5QX0zSfoTBjBD1e>

This project is also useful to introduce topics of bioengineering. What does it mean to merge robotics with biology? How will this change our world?

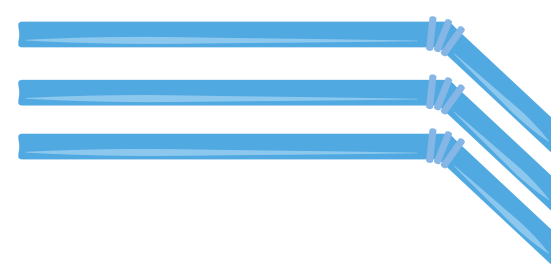
POSSIBLE MATERIALS



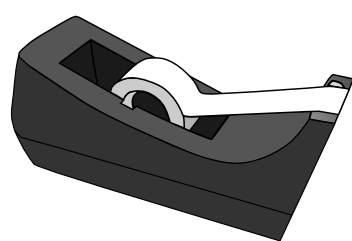
Construction Paper or Cardboard



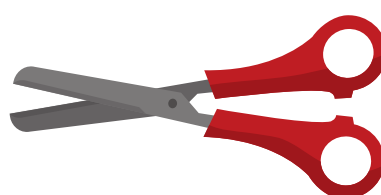
String 2 metres



Drinking Straws x 5



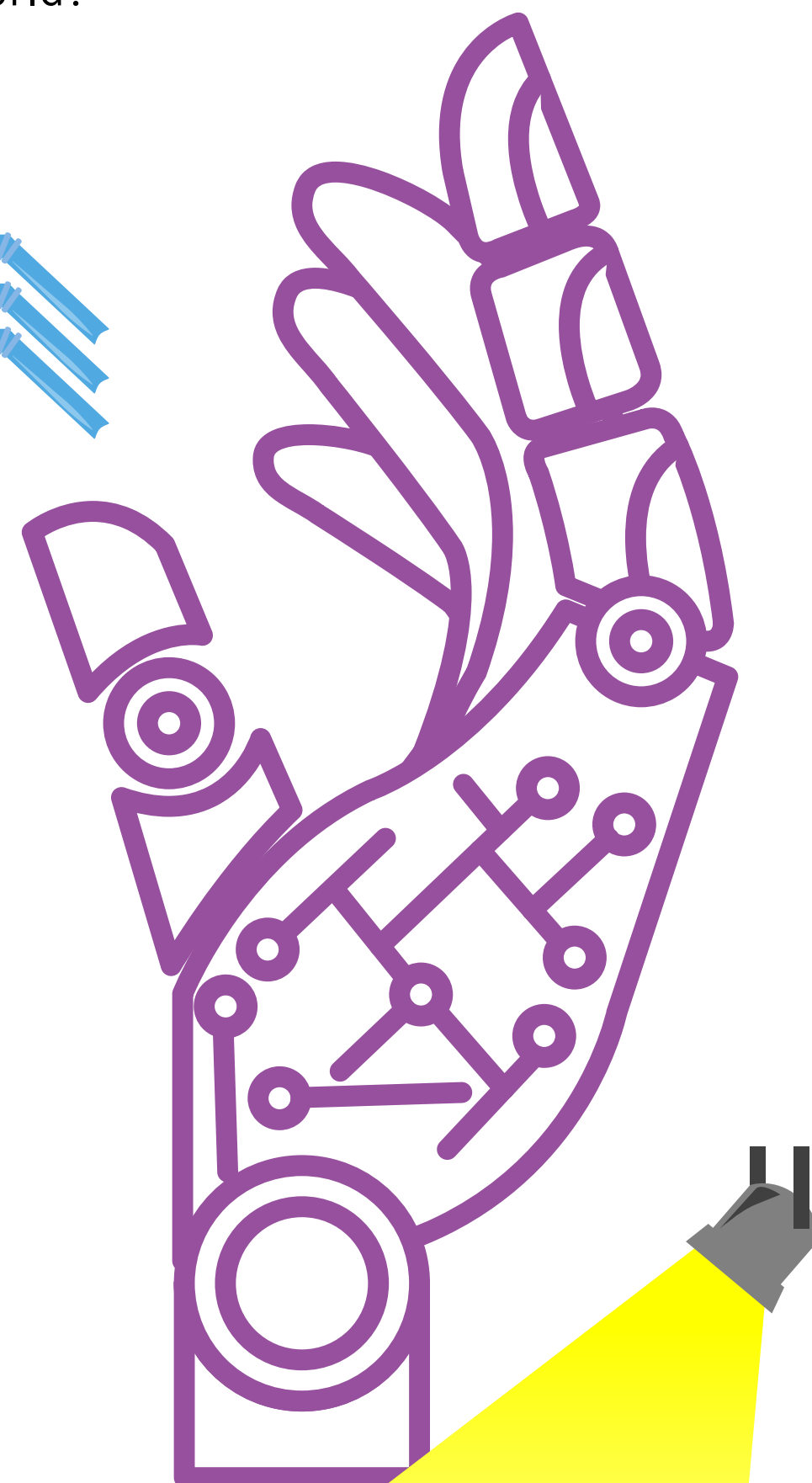
Tape



Scissors



Pencil



DID YOU LIKE THIS? SIGN UP FOR OUR ROBOTZ GOT TALENT CHALLENGE

A robotics competition like no other! What will your robot do? Did you ever want to build a robot from scratch and have it perform a specific task? Imagine if your robot could be the solution to everyday problems or even be a funny member of your classroom. What would you make? Join the Robotz Got Brilliance Challenge. Brilliantlabs.ca/Innovation-Challenges

