

## **Discoveree 2021**

### **Think Like an Engineer!**

**Prep note:** Please assemble your corgi dog template before the workshop following the dog template handout. We will do the rest of the activity together!

#### **Supply list:**

##### **General supplies needed:**

Paper & pencil/pen

Scissors

##### **Corgi Dog prototype supplies (prep before the workshop):**

1 can soda, unopened regular, \*not diet\*

Dog model template printed and cut out: <https://my.girlscouts.org/content/dam/girlscouts-vtk2019/local/aid/meetings/C18EJ01/Dog-Model-Template.pdf>

Plastic (for dog head, ears, & legs) - craft foam sheet or upcycled plastic material like food containers

Duct tape (can use other waterproof or packing tape)

##### **Life vest supplies (we will do this together during the design challenge):**

2 plastic zip food bags (sturdy, like freezer bags)

3 large rubber bands

Duct tape (can use other waterproof or packing tape)

##### ***Optional:***

Permanent marker(s) for decoration

Alternate floating materials like bubble wrap or corks

Large plastic container, tub, or sink filled with water