

## Virtual Skills Ontario Competition - Technology Challenge 7&8

### Consumables List

Quantity and Item	Price	Product	Supplier & Order #	Notes
Roll of string	\$3.00	<a href="https://kidder.ca/56-meter-light-string-cat-19-20-551.html">https://kidder.ca/56-meter-light-string-cat-19-20-551.html</a>	Kidder #19-20-551, Dollarama, Walmart, Home Hardware etc	Any strong string will be suitable
¼ Clear tubing 9'	\$19.00 (100' roll)	<a href="https://kidder.ca/catalogsearch/result/?q=83-5005-X4">https://kidder.ca/catalogsearch/result/?q=83-5005-X4</a>	Kidder #83-5005-X4	
3 - 60 cc Syringe	\$7.00 (5 pack)	<a href="https://kidder.ca/catalogsearch/result/?q=83-5060-00">https://kidder.ca/catalogsearch/result/?q=83-5060-00</a>	Kidder #83-5060-00	
5 - 30 cc Syringe	\$5.50 (5 pack)	<a href="https://kidder.ca/30-cc-syringes-cat-83-5030-00.html">https://kidder.ca/30-cc-syringes-cat-83-5030-00.html</a>	Kidder #83-5030-00	
Syringe Holder (one pack)	\$5.60	<a href="https://kidder.ca/self-adhesive-motor-syringe-mounts-cat-70-32-063.html">https://kidder.ca/self-adhesive-motor-syringe-mounts-cat-70-32-063.html</a>	Kidder #70-32-063	
4 - ¼" Dowel	\$5.35 (8 pack)	<a href="https://kidder.ca/dowel.html">https://kidder.ca/dowel.html</a>	Kidder #83-2004-02	
4 - 1/8" Dowel	\$4.40 (8 pack)	<a href="https://kidder.ca/dowel-hardwood-3mm-1-8-61cm-cat-83-2002-02.html">https://kidder.ca/dowel-hardwood-3mm-1-8-61cm-cat-83-2002-02.html</a>	Kidder #83-2002-02	
10 - 1 cm Wood	\$35.80 (100 pieces)	<a href="https://kidder.ca/basswood-strips-1cm-x-1cm-x-40cm-100-pkg-cat-83-bw1010h.html">https://kidder.ca/basswood-strips-1cm-x-1cm-x-40cm-100-pkg-cat-83-bw1010h.html</a>	Kidder #83-BW1010H	
10 elastic bands	\$1.75	<a href="https://spectrum-nasco.ca/en/geobands-rubber-bands-75-g">https://spectrum-nasco.ca/en/geobands-rubber-bands-75-g</a>	Spectrum or dollarama	Any rubbers band will be suitable

Popsicle sticks (40 sticks)	\$5.00 (1000 pack)	<a href="https://kidder.ca/wooden-popsicle-craft-sticks-cat-83-1600-00.html">https://kidder.ca/wooden-popsicle-craft-sticks-cat-83-1600-00.html</a>	Kidder #83-1600-00	Any popsicle stick will do
8 – Wheels	\$0.25 x 8 = \$2	<a href="https://kidder.ca/kidder-front-wheels-each-cat-19-1015.html">https://kidder.ca/kidder-front-wheels-each-cat-19-1015.html</a>	Kidder #19-1015	
4 – Gears	\$5.00	<a href="https://kidder.ca/red-gears-30-teeth-cat-80-3569-30.html">https://kidder.ca/red-gears-30-teeth-cat-80-3569-30.html</a>	Kidder #80-3569-30	
2 - Small pulleys	\$18.75 (mixed pulley pack 60 pieces)	<a href="https://kidder.ca/catalogsearch/result/?q=80-54-3594">https://kidder.ca/catalogsearch/result/?q=80-54-3594</a>	Kidder #80-54-3594	One bag will provide all the pulleys need in various sizes
2 – Medium pulleys	Same as above	Same as above	Kidder #80-54-3594	
2 – Large pulleys	Same as above	Same as above	Kidder #80-54-3594	
2 Sheets form board	\$63.00 (30 pack)	<a href="https://kidder.ca/catalogsearch/result/?q=80-54-1250">https://kidder.ca/catalogsearch/result/?q=80-54-1250</a>	Kidder #80-54-1250	Staples or Dollarama sell individual pieces which would be suitable
Misc. Nails and screws			Dollarama or any hardware store	
1 Cup	\$0.75	<a href="https://kidder.ca/catalogsearch/result/?q=34-1010">https://kidder.ca/catalogsearch/result/?q=34-1010</a>	Kidder #34-1010	
20 - Misc. gears	\$23.75 (40 pack)	<a href="https://kidder.ca/large-gear-set-40-pack-cat-9t-182328.html">https://kidder.ca/large-gear-set-40-pack-cat-9t-182328.html</a>	Kidder #9T-182328	
10 Straws	\$3.50 (250 pack)	<a href="https://kidder.ca/jumbo-straws-3-16-250-pkg-cat-19-541022l.html">https://kidder.ca/jumbo-straws-3-16-250-pkg-cat-19-541022l.html</a>	Kidder #19-541022L	
1 Roll duct tape			Dollarama or any hardware store	

2 sheet Bristol board	\$16.30 (25 white pack)	<a href="https://kidder.ca/catalogsearch/result/?q=83-1258-WH">https://kidder.ca/catalogsearch/result/?q=83-1258-WH</a>	Kidder #83-1258-WH	
4 - AA Batteries	\$.89 Each (4x \$3.56)	<a href="https://kidder.ca/alkaline-batteries-aa.html">https://kidder.ca/alkaline-batteries-aa.html</a>	Kidder # 70-3201-00, or any hardware store	Any AA batteries will be suitable

**Each team should have a toolbox with the following tools :**

- Drill bits of various sizes
- Hand held mitre saw and mitre box
- Hammer
- Tape Measure
- Pencil crayons
- Pencils
- Black Markers
- Paper for sketching
- 2 Rulers (minimum)
- Scissors – (minimum 1 per team)
- Safety glasses (1 per competitor)
- Hand Drill
- Hot glue and gun
- String (included in consumables list above)
- Duct tape (included in consumables list above)
- Compass
- Exacto Knife
- C-Clamps
- Carpenters glue, white glue (between 200-300 ml)
- Popsicle sticks, nails, paper clips, rubber bands, screws (included in consumables list above)

- Appropriate facial Protective mask
- Water bottle, snacks, lunch (if applicable)
- Any other personal protective equipment deemed by your host locations and/or educational institution's policies in light of COVID-19
- Stable Internet connection
- Video recording device