

## 2024 SCOUT CLASS

### ALL PRODUCT DEMONSTRATION TASKS PARTS LIST

			Unless otherwise linked, PVC fitting prices from: <a href="https://www.pvcfittingsonline.com/">PVCFittingsOnline</a>	
2248	<a href="#">1/2-inch PVC</a>	80 ft	\$4.71 / 10 ft	\$37.68
68	1/2-inch tees		\$0.44	\$29.92
27	1/2-inch 90 elbows		\$0.38	\$10.26
3	1/2-inch cross		\$1.32	\$3.96
3	1/2-inch end cap		\$0.35	\$1.05
2	1/2-inch sideouts		\$1.85	\$3.70
6	<a href="#">3/4-inch x 3/4-inch x 1/2-inch tee</a>		\$1.64	\$1.64
	<a href="#">1-inch pipe</a>		\$4.24	\$4.24
	1-inch end cap		\$0.57	\$0.00
30	<a href="#">1 1/2-inch pipe</a>		\$5.76	\$5.76
2	1 1/2-inch end cap		\$0.82	\$1.64
47	<a href="#">2-inch pipe</a>		\$7.96	\$7.96
3	2-inch end cap		\$1.06	\$3.18
1	2-inch Tee		\$2.51	\$2.51
1	<a href="#">3-inch to 2-inch reducer bushing</a>		\$15.81	\$15.81
1	<a href="#">rope</a>		\$5.53	\$5.53
1	<a href="#">#310 U-bolt</a>		1.98	\$1.98
1	<a href="#">Plastic milk crate</a>		\$9.98	\$9.98
1	<a href="#">Brick</a>		\$0.47	\$0.47
3	<a href="#">#6 screw hook</a>		\$1.38	\$4.14
1	<a href="#">wire / cable</a>	Any wire may be used. The link is for 16 gauge speaker wire.	\$8.88	\$8.88
1	<a href="#">Temperature sensor</a>	<a href="#">Alternate temperature sensor (will need Arduino and other components)</a>	\$12.99	\$12.99
100 x 22 cm	<a href="#">Corrugated plastic sheeting</a>		\$34.98	\$34.98
1	<a href="#">Clear vinyl tubing</a>	Make sure to purchase the proper size. A smaller diameter tubing is also available, but will not fit over the tee barb	\$4.14	\$4.14
1	<a href="#">Brass tee barb</a>		\$3.44	\$3.44
1	<a href="#">Plastic bowl</a>		\$0.50	\$0.50
1	<a href="#">Mexican Beach Pebble Rocks</a>		\$11.97	\$11.97
1	<a href="#">Industrial Strength Velcro (black)</a>		\$10.93	\$10.93
1	<a href="#">Red tape</a>		\$7.68	\$7.68
	Orange spray paint	Note: 1 can of spray paint can be used for multiple stations	\$6.48	\$6.48
	Blue spray paint		\$6.48	\$6.48
	Yellow spray paint		\$6.48	\$6.48
	Pink spray paint		\$6.48	\$6.48
	Green spray paint		\$6.48	\$6.48
				<b>\$279.32</b>

**Total Cost:**

**\$279.32**

The total price per product demonstration station is much less if props and equipment from previous years are used or if a regional coordinator is running multiple product demonstration stations.

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### OOI Parts List

201 cm	<a href="#">1/2-inch PVC</a>
6	1/2-inch tees
6	1/2-inch elbows
2	<a href="#">3/4-inch x 3/4-inch x 1/2-inch tee</a>
20	2-inch pipe
1	2-inch end cap
12 cm	3-inch pipe
1 meter	<a href="#">rope</a>
	Foam flotation
1	<a href="#">Plastic milk crate</a>
1	<a href="#">Brick</a>
1	<a href="#">Industrial Strength Velcro (black)</a>
1	Orange spray paint

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### SMART Cable Parts List

967	<a href="#">1/2-inch PVC</a>
21	1/2-inch tees
12	1/2-inch 90 elbows
3	1/2-inch cross
1	1/2-inch end cap
2	1/2-inch sideouts
30	1 1/2-inch pipe
2	1 1/2-inch end cap
2	<a href="#">#6 screw hook</a>
400 cm	<a href="#">rope</a>
23 x 22	<a href="#">Corrugated plastic sheeting</a>
1	Blue spray paint

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### Red Sea to Tennessee Parts List

1000 cm	<a href="#">1/2-inch PVC</a>
40	1/2-inch tees
9	1/2-inch 90 elbows
2	1/2-inch end cap
4	<a href="#">3/4-inch x 3/4-inch x 1/2-inch tee</a>
27 cm	2-inch pipe
2	2-inch end cap
1	2-inch Tee
1	<a href="#">3-inch to 2-inch reducer bushing</a>
480 cm	<a href="#">rope</a>
75 x 20 cm	<a href="#">Corrugated plastic sheeting</a>
1	<a href="#">#310 U-bolt</a>
1	<a href="#">#6 screw hook</a>
1	<a href="#">Clear vinyl tubing</a>
1	<a href="#">Brass tee barb</a>
1	<a href="#">Plastic bowl</a>
1	<a href="#">Mexican Beach Pebble Rocks</a>
1	Industrial Strength Velcro (black)
1	<a href="#">Red tape</a>
1	Orange spray paint
1	Blue spray paint
1	Yellow spray paint
1	Green spray paint
1	Pink spray paint

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### *MATE Floats!* Parts List

80	1/2-inch pipe
1	1/2-inch tees
1	Double stranded wire for temperature sensor
1	Temperature Sensor
1	Green spray paint