

2023 EXPLORER/PIONEER/RANGER CLASS PRODUCT DEMONSTRATION PARTS LIST

Unless otherwise linked,
PVC prices from:
PVCFittingsOnline

66.11 m (220 ft)	1/2-inch PVC	\$5.24 / 10 ft	\$115.28
55	1/2-inch tees	\$0.40	\$22.00
18	1/2-inch 90 elbows	\$0.35	\$6.30
12	1/2-inch 45 elbows	\$0.52	\$6.24
2	1/2-inch coupling	\$0.21	\$0.42
9	1/2-inch cross	\$1.20	\$10.80
7	1/2-inch end cap	\$0.32	\$2.24
12	1/2-inch sideouts	\$1.68	\$20.16
1	3/4-inch x 3/4-inch x 1/2-inch tee	\$1.64	\$1.64
1	3/4-inch male adapter	\$0.38	\$0.38
1	3/4-inch female adapter	\$0.50	\$0.50
40 cm	1-inch pipe		\$4.24
1	1-inch end cap	\$0.52	\$0.52
1	1 inch - 1/2-inch reducing tee	\$2.41	\$2.41
4	1-inch - 1/2-inch reducer bushing	\$1.65	\$6.60
5	1-inch coupling	\$0.57	\$2.85
8 cm	1 1/2-inch pipe	\$5.76	\$5.76
1	1 1/2-inch end cap	\$0.82	\$0.82
30 cm	2-inch pipe	\$8.96	\$8.96
3	2-inch end cap	\$1.06	\$3.18
1	2-inch coupling	\$1.20	\$1.20
1	2-inch to 1/2-inch reducer bushing	\$1.44	\$1.44
1	2-inch knockout cap	\$0.59	\$0.59

10 cm	3-inch pipe		\$17.16	\$17.16
1	3-inch knockout cap		\$0.72	\$0.72
1	3-inch end cap		\$3.64	\$3.64
45 cm	4-inch pipe		\$25.19	\$25.19
2	4-inch knockout caps		\$0.78	\$1.56
2	rope		\$5.53	\$11.06
3	3-inch Carabiner		\$9.99	\$9.99
2	Large Plastic bowl	Size should vary		\$25.00
1	White tape		\$8.99	\$8.99
100 ft	Speaker wire (2 stranded)		\$16.86	\$16.86
1	soft water bottle		\$12.95	\$12.95
1	2-gallon bucket		\$4.98	\$4.98
1	2-gallon bucket lid		\$3.48	\$3.48
1 pack	Industrial Strength Velcro (black)	Note: 1 package can be used for multiple stations.	\$10.93	\$10.93
1	Plastic syringe			
2	Foam flotation	Four feet lengths	\$1.98	\$0.99
1	Plastic cling wrap	Any type of plastic cling wrap will work	\$5.46	\$5.46
1	Photoresistor		\$5.99	\$5.99
1	Multimeter			
1.5 sheets	Corrugated plastic sheeting	Or check plastic or sign stores	\$35.48	\$60.00
4	#310 U-bolt		\$1.98	\$7.92
1	Plastic test tubes		\$7.99	\$7.99
3	chenille strip (pipe cleaner)		\$2.49	\$2.49
1	Inductive Coupling	Choose the 12 volt option	\$6.90	\$6.90
2	LEDs		\$7.99	\$7.99
1	Envirotex Lite	4 oz (choose larger container for multiple stations)	\$14.87	\$14.87
1 pack, 3 fish	Fish Fry	Remove all hooks	\$13.99	\$13.99
1 sheet	Green foam sheeting		\$0.99	\$0.99

1	2-inch lettering		\$3.47	\$3.47
1 pack	Plastic Frogs		\$14.99	\$14.99
1	Orange spray paint		\$6.48	\$6.48
1	Blue spray paint		\$6.48	\$6.48
1	Red spray paint	Note: 1 can of spray paint can be used for	\$6.48	\$6.48
1	Yellow spray paint	multiple stations	\$6.48	\$6.48
1	Black spray paint		\$6.48	\$6.48
1	Green spray paint		\$6.48	\$6.48

Total Cost:	\$569.96
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<p>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.</p>
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Marine Renewable Energy Parts List

2301 cm	1/2-inch PVC
23	1/2-inch tees
4	1/2-inch 45 elbows
1	1/2-inch coupling
7	1/2-inch cross
7	1/2-inch end cap
8	1/2-inch sideouts
1	3/4-inch x 3/4-inch x 1/2-inch tee
28 cm	1-inch pipe
4	1-inch - 1/2-inch reducer bushing
4	1-inch coupling
10 cm	2-inch pipe
1	2-inch coupling
1	2-inch to 1/2-inch reducer bushing
1	2-inch knockout cap
10 cm	3-inch pipe
1	3-inch knockout cap
1	3-inch end cap
92 ft	rope
3	3-inch Carabiner
60 ft	Speaker wire (2 stranded)
1 pack	Industrial Strength Velcro (black)

1	Foam flotation
1 sheet	Corrugated plastic sheeting
3	#310 U-bolt
1	Plastic test tubes
3	chenille strip (pipe cleaner)
1	Inductive Coupling
2	LEDs
1	Envirotext Lite
1	Red spray paint

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Healthy Environments from the Mountains to the Sea Parts List

3405	1/2-inch PVC
28	1/2-inch tees
18	1/2-inch 90 elbows
8	1/2-inch 45 elbows
1	1/2-inch coupling
2	1/2-inch cross
	1/2-inch end cap
4	1/2-inch sideouts
1	3/4-inch male adapter
1	3/4-inch female adapter
8 cm	1-inch pipe
1	1-inch end cap
1	1 inch - 1/2-inch reducing tee
1	1-inch coupling
8 cm	1 1/2-inch pipe
1	1 1/2-inch end cap
19	2-inch pipe
3	2-inch end cap
	2-inch coupling
	2-inch to 1/2-inch reducer bushing
	2-inch knockout cap
45 cm	4-inch pipe
2	4-inch knockout caps

27 ft	rope
2	Large Plastic bowl
1	White tape
40 ft	Speaker wire (2 stranded)
1	soft water bottle
1	2-gallon bucket
1	2-gallon bucket lid
1	Industrial Strength Velcro (black)
1	Plastic syringe
1	Foam flotation
1	Plastic cling wrap
1	Photoresistor
	Multimeter
1/2 sheet	Corrugated plastic sheeting
1	#310 U-bolt
1	Envirotex Lite
1 pack, 3 fish	Fish Fry
1 sheet	Green foam sheeting
1	2-inch lettering
1 pack	Plastic Frogs
1	Orange spray paint
1	Blue spray paint
1	Red spray paint
1	Yellow spray paint
1	Black spray paint
1	Green spray paint

2023 EXPLORER/PIONEER/RANGER CLASS
***MATE Floats!* Parts List**

5 meters	1/2-inch pipe
4	1/2-inch tees
1	Red spray paint