

## 2007 FIRST Tech Challenge Field Parts List

Quantity	Part Number (McMaster-Carr)	Description	Supplier(s)
16	78155T11	2" caster	McMaster-Carr, Home Depot, hardware stores
16	Caster block	1/2" plywood	Home Depot, lumber stores
64	91070A244	5/8" #10 wood screw, flat head	Home Depot, lumber stores
24	Goal base wall	1/2" plywood	Home Depot, lumber stores
1	Wood glue	Glue for goal base caster blocks, walls, surface	
4	Goal base surface	1/2" plywood	Home Depot, lumber stores
1	Behr Exterior Flat, ultra pure white #4050	Paint for goal base	Home Depot etc.
4	4882K13	1/2" PVC nipple	McMaster-Carr, plumbing stores
4	4596K42	1/2" PVC threaded cap	McMaster-Carr, plumbing stores
4	4880K81	1/2" PVC female adapter	McMaster-Carr, plumbing stores
4	4880K51	1/2" PVC cap	McMaster-Carr, plumbing stores
2	Single goal post	1/2" Sch. 40 PVC pipe	Home Depot, plumbing stores
2	4880K41	1/2" PVC tee	McMaster-Carr, plumbing stores
2	Paired goal lower post	1/2" Sch. 40 PVC pipe	Home Depot, plumbing stores
2	Paired goal upper post	1/2" Sch. 40 PVC pipe	Home Depot, plumbing stores
2	Paired goal stopper	1/2" Sch. 40 PVC pipe	Home Depot, plumbing stores
2	4880K73	1" PVC coupling	McMaster-Carr, plumbing stores
2	4880K43	1" PVC tee	McMaster-Carr, plumbing stores
2	Crossbar post	1" Sch. 40 PVC pipe	Home Depot, plumbing stores
1	Crossbar	1" Sch. 40 PVC pipe	Home Depot, plumbing stores
50	Ring	3" Sch. 40 PVC pipe	Home Depot, plumbing stores
1	Krylon Fusion 2329	Paint for red rings, Red Pepper / Safety Red	<a href="http://www.krylon.com/main/locator.cfm">www.krylon.com/main/locator.cfm</a>
1	Krylon Fusion 2328	Paint for blue rings, Patriotic Blue / Safety Blue	<a href="http://www.krylon.com/main/locator.cfm">www.krylon.com/main/locator.cfm</a>
36	Foam mat	Gray, 2' x 2'	<a href="http://softtiles.com">softtiles.com</a>
1	Red field markings and player station	2" red gaffer's tape	<a href="http://filmtape.com">filmtape.com</a> , <a href="http://tapemonster.com">tapemonster.com</a> , <a href="http://findtape.com">findtape.com</a>
1	Blue field markings and player station	2" blue gaffer's tape	<a href="http://filmtape.com">filmtape.com</a> , <a href="http://tapemonster.com">tapemonster.com</a> , <a href="http://findtape.com">findtape.com</a>
1	Side goals	2" white gaffer's tape	<a href="http://filmtape.com">filmtape.com</a> , <a href="http://tapemonster.com">tapemonster.com</a> , <a href="http://findtape.com">findtape.com</a>
1	VL-FIELD-FRAME-KIT	Field border	<a href="http://www.vexrobotics.com/fields">www.vexrobotics.com/fields</a>
1	VL-FIELD-CONTROLLER	Field control system	FIRST