

## Telecom Pioneers - MN Chapter 18: Electronic Maps for Schools Project

### Map Construction Materials

Item	Unit Price	Qty	Total	Source	P/N or Notes
US map	\$2.20	1	\$2.20	McGraw Hill Publishing	<b>See Note 1</b>
Legend laser printing, 8.5" x 14 Legal, color	\$1.29	2	\$2.58	OfficeMax	PowerPoint, 2 pages
Map & Legend Laminating	\$4.98	1	\$4.98	OfficeMax	
Birch plywood, 1/4" 2' x 2'	\$3.19	1	\$3.19	Home Depot	718793151013
Plexiglas, .093" x 2' x 2'	\$6.49	1	\$6.49	Home Depot	074507992342
Pine board, 1' x 4" x 8'	\$2.88	1.5	\$4.32	Home Depot	7331481410228
Wood Screws, round head brass, #4 x 3/4"	\$0.04	100	\$3.56	Menards	02338084
1.5" drywall screws, bugle head Phillips	\$0.01	8	\$0.08	Menards	22928450
AA-cell quad battery holder	\$1.69	2	\$3.38	Radio Shack	270-391A
8mm 12V green LED assy w/ resistor & mtg hdwe	\$2.19	1	\$2.19	Radio Shack	276-271
Test probe leads with pin tips	\$3.99	1	\$3.99	Radio Shack	278-705A
Calterm red butt connectors, 22-18 AWG	\$0.11	6	\$0.66	Menards	3640001
Line Cleat, aluminum, 2.5"	\$0.48	2	\$0.96	Menards	2207005
Wire tie mounts	\$0.20	4	\$0.80	Radio Shack	278-441A
25-pair 22 AWG switchboard cable	\$0.00	24"	\$0.00	<b>Qwest</b>	<b>Donated</b>
<b>Map Materials Subtotal</b>			<b>\$39.38</b>		
Sales Tax		6.5%	<b>\$2.56</b>		
<b>Map Materials TOTAL</b>			<b>\$41.93</b>		

### Assembly Materials - Multiple Maps Per

Item	Unit Price	% Used	Total	Source	Notes
Elmer's carpenters wood glue, 8 oz	\$2.67	0.05	\$0.13	Home Depot	20 maps per bottle
Epoxy glue, 1 oz	\$2.57	0.10	\$0.26	Home Depot	10 maps per tube
3M sandpaper, medium (100 grit), 5 sheet pack	\$1.75	0.20	\$0.35	Home Depot	5 maps per pack
Exterior Latex Gloss Paint, Brevity Brown #6068	\$9.49	0.13	\$1.19	Sherwin Williams	8 maps per Qt can
Paint brush, 1.5"	\$3.00	0.10	\$0.30	Home Depot	10 maps per brush
Scotch double-coated removable tape, 400"	\$4.99	0.10	\$0.50	OfficeMax	10 maps per roll
Birch dowel rod, 1" x 36"	\$1.63	0.03	\$0.05	Menards	35 maps per rod
Bell wire, 18-2 red & black, 25'	\$3.99	0.05	\$0.20	Menards	20 maps per roll
Graphic Art Tape, black crepe, 1/8" x 324"	\$1.99	0.20	\$0.40	OfficeMax	5 maps per roll
Small tie wraps, pkg of 30	\$3.00	0.33	\$0.99	Home Depot	2 maps per pkg
Spray Adhesive, 11 oz can	\$5.99	0.33	\$1.98	Jo-Ann Etc.	3 maps per can
Brother P-Touch 1/2 label tape, black on white	\$15.97	0.03	\$0.53	OfficeMax	30 maps per roll
<b>Assembly Materials Subtotal</b>			<b>\$6.87</b>		
Sales Tax		6.5%	<b>\$0.45</b>		
<b>Map Materials TOTAL</b>			<b>\$7.32</b>		

<b>TOTAL MAP COST</b>	<b>\$49.25</b>
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#### Note 1: Map Ordering Info

McGraw Hill Publishing  
P/N FS2369, ISBN 0-7682-1258-8  
800-253-5469

<http://elementary-educators.teacherspecialty.com/products/0768212588.php>