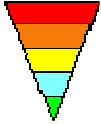


Longfield Triangle

The Definitive Guide to the Longfield Triangle

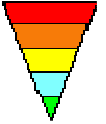
Summary



Aim to arrive at Longfield between 17:30 and 18:00.

Help yourself to hot soup, curry and home-baked bread. Be ready to start at 18:15 (individuals) and 18:30 (pairs). Using the map and tables you are given (details

below) find small boards in the fields and woods of Longfield and record the numbers on them. Boards = Points, so the more boards you find the more points you will score. The teams with the most points win prizes. If you are the first to find all the boards (31 in total) you will win a treasure cache too! You'll have two and half hours to complete the challenge. Now for some detail ...



Searching for Boards

At the start, each team will receive the following:

- 1) A map of Longfield split into a grid A to L (horizontally) and 01 to 33 (vertically). Each of the squares represents an area of approximately six metres by six metres. (see below)
- 2) A table of Location numbers. (see below)
- 3) A table representing the "Triangle" (see below) with a location number already entered for one of the first level boards A1 to A16. Each team will have a different starting "A" board so that all the teams aren't all looking for the same board at the start.
- 4) A cross-reference of Latitude and Longitude readings for those using GPS devices.

Supposing for 3) you are given the location number for A1. In the sample Triangle table below you'll see a **71** under A1. Look up location **71** and you'll see it refers to grid square K18.

Navigate your way via the map or GPS to the grid square K18 on the map. At this location you will find a small board looking something like this:



Write the "8" in your Triangle Table below the shaded box for A1. This is evidence that you have found the board for A1 and you will score one point. The "37" and "62" are the location numbers for A2 and A9 respectively – indicated by the box above A1 on the Triangle Table. Look up 37 and 62 in the Location Table. A2 can be found in grid square E16 (37) and A9 in G22 (62). Now go to A2 and A9 to search for similar boards.



Suppose you go to A2 and find this board:

Write the "7" in your Triangle Table below the shaded box for A2. This is evidence that you have found the board for A2 and you will score one point. The "24" and "75" are the location numbers for A3 and A10 respectively – indicated by the box above A2 on the Triangle Table.

Look up 24 and 75 in the Location Table. A3 can be found in grid square K22 (24) and A10 in H15 (75). You can now go to A3 and A10 to search for similar boards, **and** you can also go to B1. The "8" and "7" you've recorded below A1 and A2 **is also** above B1 so the location number of 87 – grid square H21 – is where you will find the board for B1.

At the "B", "C", "D" and "E" locations the boards will be smaller (and more difficult to find) and will contain just one number – like this:

3 Write the “3” in your Triangle Table below the shaded box for B1. This is evidence that you have found the board for B1 and you will score two points. The “3” is also the first half of the location number for C1.

You should see from this progression that once you have found all the “A” boards, you will know the location of all the “B” boards. Finding all the “B” boards will lead you to all the “C”s. The “C”s lead you to “D”s; the “D”s to the single “E”, scoring points for every board that you find.

17 At “E1” there will be a board like this:
This is the location number for the “Treasure”. Bring the treasure to the finish, which you can keep, and score a bonus 20 points.

Some of the grid squares will have compass points appended to them which will narrow your search area. For example, a reference of A17NE will mean the north-east (top-right) corner of grid square A17 i.e. an area approximately three metres by three metres; B25W will mean the west (left) half of grid square B25 i.e. an area approximately three metres by six metres.

Equipment and Safety

The event will start 45 minutes before sunset (for individuals, but 30 minutes for pairs) so your early searching will be in daylight. Thereafter you will be walking in the dark through woods and fields, so a durable torch (with new batteries to last at least two hours) and ideally a head torch are essential equipment.

Warm and waterproof clothing and footwear are mandatory too.

All boards will be easily visible (if you are searching in the right place!), so climbing trees or fences, dredging through ponds, opening doors or fighting through brambles is totally unnecessary. If you feel the need – you are in the wrong place.

If you have a child accompanying you, please supervise them closely. There are ankle-swallowing rabbit holes and barbed wire fences in a few places.

When you find a board please contain your excitement otherwise you will reveal its location to other competitors who might be close by.

Timing and Totals and Prizes

You will have until 8:30pm to find the boards. If you book in at the finish before then the points that you score will be your final score.

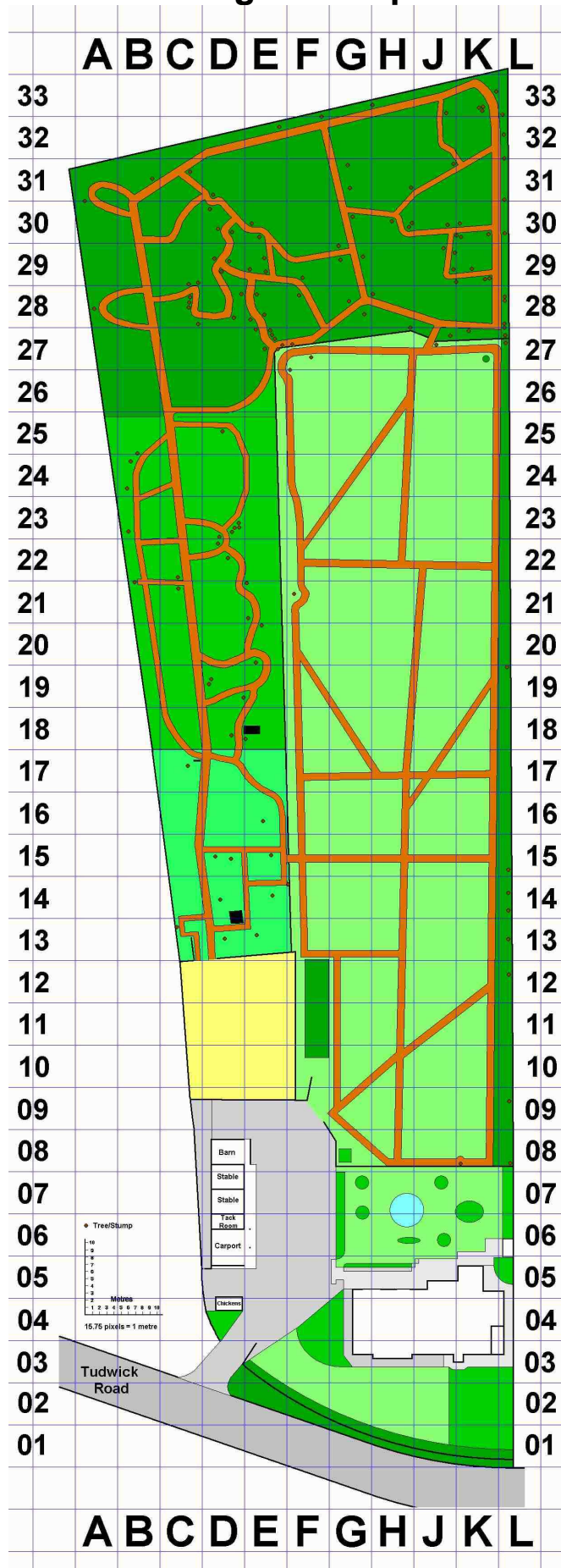
For every minute after 8:30pm you will lose a point; so if you score 45 points, but finish at 8:49pm, you'll have 19 points deducted. Finish after 9pm and you score no points and will have to do the washing up!

The top individual and team scores will be rewarded with medals. The first to find all the boards will win a treasure cache too.

Refreshments

Soup, curry, bread, drinks and nibbles will be available all evening. Sample before you start and return when you get cold or need inspiration to continue. All is supplied free of charge ... but, since we are raising money for the Multiple Sclerosis Society please toss your loose change and notes into the charity bowl.

Longfield Map



Sample Location Table

Loc. No.	Grid Ref	Loc. No.	Grid Ref	Loc. No.	Grid Ref	Loc. No.	Grid Ref	Loc. No.	Grid Ref
01	G24	21	E26	41	G20	61	J25	81	H27
02	A31	22	J09	42	L10	62	G22	82	L02
03	E31	23	E14	43	D05	63	E13	83	E18N
04	F17NE	24	K22	44	E10E	64	H18	84	J18
05	D04	25	J08	45	K28	65	J23S	85	E27
06	G10	26	B22	46	C28	66	B23	86	J21
07	E11	27	F27NW	47	L08	67	L22	87	H21
08	F29N	28	E20	48	E23SE	68	E28	88	H24
09	B26	29	K08	49	F25	69	E22	89	C23
10	K07	30	K25	50	E30	70	F19SW	90	J31
11	E29	31	C25	51	D10	71	K18	91	E12
12	H12	32	L28	52	C18	72	C27	92	J14
13	E17S	33	D14W	53	G12	73	L17	93	D07
14	J03	34	H30	54	K11	74	G14	94	L15
15	C26	35	D15	55	E15	75	H15	95	F21
16	K30	36	J12	56	B24	76	F23	96	E19SE
17	D12	37	E16	57	J11	77	D09	97	K15
18	E21	38	K21	58	L24	78	G26	98	L30
19	K20	39	L27	59	E24	79	J30	99	G16
20	G18	40	E25	60	J26	80	J28		

Sample Triangle Table

Next Boards	A2 A9	A3 A10	A4 A11	A5 A12	A6 A13	A7 A14	A8 A15	A1 A16	A1 A10	A2 A11	A3 A12	A4 A13	A5 A14	A6 A15	A7 A16	A8 A9
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16
Location Number	71	37	24						62	75						
1 point	8	7														
	B1		B2		B3		B4		B5		B6		B7		B8	
2 points	3															
	C1				C2				C3				C4			
4 points																
	D1								D2							
8 points																
	E1															
16 points																
20 points	Treasure?						Start Time:						Finish Time:			

GPS Cross Reference

Latitude = N 51°47.xxx Longitude = E 0°45.yyy, where xxx is the upper number in each cell and yyy the lower.
 These are the approximate mid-points of the corresponding map grid squares.

	A	B	C	D	E	F	G	H	J	K	L
33	166	164	162	161	159	157	155	153	152	150	148
	432	436	441	445	449	454	458	462	467	471	476
32	163	162	160	158	156	154	153	151	149	147	145
	429	433	438	442	446	451	455	459	464	468	472
31	161	159	157	155	154	152	150	148	146	145	143
	426	430	435	439	443	448	452	456	461	465	469
30	158	156	154	153	151	149	147	145	144	142	140
	423	427	432	436	440	445	449	453	458	462	466
29	155	154	152	150	148	146	145	143	141	139	137
	420	424	429	433	437	442	446	450	455	459	463
28	153	151	149	147	146	144	142	140	138	137	135
	417	421	426	430	434	439	443	447	452	456	460
27	150	148	147	145	143	141	139	138	136	134	132
	414	418	423	427	431	436	440	444	449	453	457
26	148	146	144	142	140	139	137	135	133	131	130
	411	415	419	424	428	433	437	441	446	450	454
25	145	143	141	139	138	136	134	132	130	129	127
	408	412	416	421	425	430	434	438	443	447	451
24	142	140	139	137	135	133	131	130	128	126	124
	405	409	413	418	422	426	431	435	440	444	448
23	140	138	136	134	132	131	129	127	125	123	122
	402	406	410	415	419	423	428	432	437	441	445
22	137	135	133	132	130	128	126	124	123	121	119
	399	403	407	412	416	420	425	429	433	438	442
21	134	133	131	129	127	125	124	122	120	118	116
	396	400	404	409	413	417	422	426	430	435	439
20	132	130	128	126	124	123	121	119	117	115	114
	393	397	401	406	410	414	419	423	427	432	436
19	129	127	125	124	122	120	118	116	115	113	111
	390	394	398	403	407	411	416	420	424	429	433
18	126	125	123	121	119	117	116	114	112	110	108
	387	391	395	400	404	408	413	417	421	426	430
17	124	122	120	118	117	115	113	111	109	108	106
	384	388	392	397	401	405	410	414	418	423	427
16	121	119	118	116	114	112	110	109	107	105	103
	380	385	389	394	398	402	407	411	415	420	424
15	118	117	115	113	111	109	108	106	104	102	100
	377	382	386	391	395	399	404	408	412	417	421
14	116	114	112	110	109	107	105	103	101	100	098
	374	379	383	387	392	396	401	405	409	414	418
13	113	111	110	108	106	104	102	101	099	097	095
	371	376	380	384	389	393	398	402	406	411	415
12	111	109	107	105	103	102	100	098	096	094	093
	368	373	377	381	386	390	394	399	403	408	412
11	108	106	104	103	101	099	097	095	094	092	090
	365	370	374	378	383	387	391	396	400	404	409
10	105	103	102	100	098	096	094	093	091	089	087
	362	367	371	375	380	384	388	393	397	401	406
9	103	101	099	097	095	094	092	090	088	086	085
	359	364	368	372	377	381	385	390	394	398	403
8	100	098	096	095	093	091	089	087	086	084	082
	356	361	365	369	374	378	382	387	391	395	400
7	097	096	094	092	090	088	087	085	083	081	079
	353	358	362	366	371	375	379	384	388	392	397
6	095	093	091	089	088	086	084	082	080	079	077
	350	355	359	363	368	372	376	381	385	389	394
5	092	090	088	087	085	083	081	079	078	076	074
	347	352	356	360	365	369	373	378	382	386	391
4	089	088	086	084	082	080	079	077	075	073	071
	344	348	353	357	362	366	370	375	379	383	388
3	087	085	083	081	080	078	076	074	072	071	069
	341	345	350	354	359	363	367	372	376	380	385
2	084	082	081	079	077	075	073	072	070	068	066
	338	342	347	351	355	360	364	369	373	377	382
1	082	080	078	076	074	073	071	069	067	065	064
	335	339	344	348	352	357	361	365	370	374	379