

#### COMPETITIVE COMPASS GAME - FEET

This compass game is designed to teach the elementary compass skills for taking bearings and step counting.

#### LAYOUT OF COURSE:

First, measure a step course 100 feet long, preferably over flat and clear terrain on an East-West line. Place markers at 5 foot intervals and number them consecutively from 1 - 20, with marker number 1 at the west end of the course. An alternate method is to fasten tags 5 feet apart on a 100 foot rope and number the tags consecutively from 1 to 20. Stretch the rope in an East-West direction with number 1 on the West end.

#### **EQUIPMENT NEEDED:**

Each player will need a score card, a pencil and a compass, preferably a SILVA system compass like the Type 7 POLARIS or the Boy Scout Type 1070.

#### PRELIMINARY INSTRUCTIONS TO PLAYERS:

Have each player determine their step requirement for the 100 foot course by walking the length of the course and counting the number of steps taken. Player should be careful to walk with a normal step and should cover the course twice, noting the average number of steps taken. To make the calculation of distance easy, the player should take steps that are either 2 feet, 2½ feet or 3 feet long.

#### EXPLAIN HOW TO USE THE COMPASS:

With the SILVA, turn the 360° dial to place the desired bearing opposite the index line. Without changing the dial setting, hold the compass horizontally so that the direction of travel arrow on the transparent plate points the same direction the player will walk. Then turn the player's body, (Do not move the compass) until the red end of the magnetic needle points to the "N" on the dial. Now, the player compass and are oriented to the intended direction of travel. The player walks steps indicated and repeats the process for the next bearing.

#### PLAYING THE GAME:

Start each player at the marker which corresponds with the first "Starting Point" on their score card. Player will then travel according to the bearings and distances indicated. Upon completing the third leg of the course, the player will write on the score card the number of the marker closest to and in the line of travel. Player will then proceed to the marker indicated by the second "Starting Point" on the score card and repeat the procedure. Repeat again over the third course.

#### THE SCORE:

The correct destination of each course is shown on the reverse side of this card. A player reaching a correct destination is awarded 100 points for that course. Otherwise, deduct 5 points for each marker away from the correct one. After determining the score for each of the three courses, add the scores to obtain the player's total. Highest total score wins. Highest possible total score is 300.

#### CORRECT DESTINATIONS

## Of Compass courses on accompanying score cards

Starting Point	Correct Destinations	Starting Point	Correct Destinations
1	11	11	13
2	16	12	14
3	14	13	8
4	7	14	8
5	8	15	8
6	11	16	16
7	5	17	5
8	15	18	11
9	13	19	13
10	8	20	16





Startin	g Poi	nt No.	3			
Go	57	degrees	for	70	feet	
Then	301	degrees degrees	for	62	feet	
Then	145	degrees	for	86	feet	
		marker o				your line of travel.
CORR	ECT	DESTIN	ATIO	N (S	uppli	ed by leader)
						SCORE
Startin	g Poi	nt No.	4			
Go	81	degrees	for	73	feet	
Then	312	degrees	for	100	feet	
Then	168	degrees	for	80	feet	
		marker o				your line of travel.
CORR	ECT	DESTIN	ATIO	N (S	Suppli	ed by leader)
						SCORE
Startin	g Poi	nt No.	5			
Go	65	degrees degrees	for	58	feet	
Then	341	degrees	for	67	feet	
Then	190	degrees	for	89	feet	
		marker o				your line of travel.
CORR	ECT	DESTIN	ATIC	N(S	upplie	ed by leader)
					3.07	SCORE
SCORI	E . S.	ore for o	correc	t fin	ish is	100. Deduct 5 points for
		away fr				
					TOT	AL SCORE



17		NAME	_	-				-	
Starting	a Poir	nt No.	1						
- Contract the Contract to the	-		-	101					
UO Thom	214	degrees degrees	for	101	feet				
Then	17/	degrees	for	96	foot				
							Con of Avenue		
		reached				your	line of travel.		
CORRE	ECT I	DESTINA	ATIC	ON (S	Suppli		leader)		
						SC	ORE		
Startin	g Poir	nt No.	2						
				83	feet				
Then	255	degrees degrees	for	58	feet				
Then	117	degrees	for	61	feet				
		marker c reached					line of travel.		
CORRI	ECT	DESTINA	ATIC	ON (S	Suppli	ed by	leader)		
							ORE		
Startin	g Poi	nt No.	3						
Go	57	degrees	for	70	feet				
Then	301	degrees	for	62	feet				
Then	145	degrees	for	86	feet				
		marker c reached				your	line of travel.		
						ed by	leader)		
							CORE		
							,0,1,2		
	SCORE: Score for correct finish is 100. Deduct 5 points for each marker away from correct destination.								

TOTAL SCORE \_\_\_\_\_



otal till	g Poi	nt No.	2				
		degrees					
		degrees					
Then	117	degrees	for	61	feet		
		marker c reached				your line of travel.	
CORRE	ECT	DESTIN	ATIO	N (S	uppli	ied by leader)	
						SCORE	
Starting	g Poi	nt No.	3				
Go	57	degrees	for	70	feet		
Then	301	degrees degrees	for	62	feet		
Then	145	degrees	for	86	feet		
		marker o				your line of travel.	
CORRI	ECT	DESTIN	ATIO	N (S	uppli	ied by leader)	
					0.0	SCORE	
			4				
Startin	g Poi	nt No.	4				
Go	81	degrees	for	73	feet		
Go Then	81 312	degrees degrees	for for	100	feet		
Go Then Then	81 312 168	degrees degrees degrees	for for for	100	feet feet		
Go Then Then Record	81 312 168 I the	degrees degrees degrees	for for for losest	100 80 to a	feet feet and in	n your line of travel.	
Go Then Then Record Destina	81 312 168 I the	degrees degrees degrees marker d reached	for for for losest	100 80 to a	feet feet and in	n your line of travel.	
Go Then Then Record Destina	81 312 168 I the	degrees degrees degrees marker d reached	for for for losest	100 80 to a	feet feet and in		
Go Then Then Record Destina CORRI	81 312 168 I the ation ECT	degrees degrees degrees marker of reached DESTIN	for for for ATIO	100 80 t to a N(S	feet feet and in upplie	ed by leader)	



Starting P	oint No.	4			
Go 8	31 degre	es for	73	feet	
Then 3	12 degre	es for	100	feet	
Then 16	38 degre	es for	80	feet	
Record th Destination					your line of travel.
CORREC	T DEST	INATIO	N (S	upplie	ed by leader)
					SCORE
Starting P	oint No.	5			
Go (	35 degre	es for	58	feet	
Then 3	41 degre	es for	67	feet	
Then 19	90 degre	es for	89	feet	
Record the Destination				ind in	your line of travel.
CORREC	T DEST	INATIC	N (S	uppli	ed by leader)
					SCORE
Starting P	oint No.	6			
Go	37 degre	es for	113	feet	
Then 2	73 degre	es for	76	feet	
Then 1	61 degre	es for	100	feet	
Record the Destination					your line of travel.
CORREC	T DEST	INATIO	N(S	upplie	ed by leader)
					SCORE
SCORE: each mark					100. Deduct 5 points for ination.
				TOT	AL SCORE



NAME	
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	_
Starting Point No. 5	
Go 65 degrees for 58 feet	
Then 341 degrees for 67 feet Then 190 degrees for 89 feet	
Then 190 degrees for 89 feet	
Record the marker closest to and in your line of travel.  Destination reached	
CORRECT DESTINATION (Supplied by leader)	
SCORE	
Starting Point No. 6	
Go 37 degrees for 113 feet	
Then 273 degrees for 76 feet	
Then 161 degrees for 100 feet	
Record the marker closest to and in your line of travel.  Destination reached	
CORRECT DESTINATION (Supplied by leader)	
SCORE	
Starting Point No. 7	
Go 13 degrees for 71 feet	
Then 146 degrees for 65 feet	
Then 256 degrees for 64 feet	
Record the marker closest to and in your line of travel.  Destination reached	
CORRECT DESTINATION(Supplied by leader)	
SCORE	

SCORE: Score for correct finish is 100. Deduct 5 points for each marker away from correct destination.

TOTAL SCORE



Starting Point No. 6

# SCORE CARD FOR COMPASS COURSE - FEET

		degrees				
Then	161	degrees degrees	for	100	feet	
						your line of travel.
		reached				
CORR	ECT	DESTIN	ATI	ON (S	Suppli	ed by leader)
						SCORE
Startin	g Poi	nt No.	7			
Go	13	degrees	for	71	feet	
Then	146	degrees	for	65	feet	
		degrees				
		reached				your line of travel.
CORR	ECT	DESTIN	ATI	ON (S	Suppli	ed by leader)
						SCORE
Startir	ng Poi	nt No.	8			
Go	45	degrees	for	76	feet	
Then	266	degrees	for	78	feet	
		degrees				11
		reached				your line of travel.
CORR	ECT	DESTIN	ATI	ON(S	uppli	ed by leader)
						SCORE
						100. Deduct 5 points for
each n	narkei	r away fr	om	corre	et des	tination.
each n	narkei	r away tr	om	correc		AL SCORE



Starting	g Poii	nt No.	7				
Go	13	degrees	for	71	feet		
Then	146	degrees degrees	for	65	feet		
Then	256	degrees	for	64	feet		
Record	the	marker c	losest			your	line of travel.
Destina	ition	reached					
CORRE	ECT	DESTIN	ATIO	N (S	uppli	ed by	leader)
						SC	ORE
Starting	g Poi	nt No.	8				
Go	45	degrees	for	76	feet		
Then	266	degrees degrees	for	78	feet		
Then	129	degrees	for	76	feet		
		marker c reached		to a	ind in	your	line of travel.
CORRI	ECT	DESTIN	ATIO	N (S	uppli	ed by	leader)
						SC	ORE
Startin	g Poi	nt No.	9				
Go	43	degrees	for	72	feet		
Then	285	degrees	for	56	feet		
Then	160	degrees	for	72	feet		
		marker c reached		to a	and in	your	line of travel.
CORRI	ECT	DESTIN	ATIO	N(S	ilggu	ed by	leader)
							ORE
		ore for o					Deduct 5 points for
					TOT	AL SC	ORE



Starting Point No.	8
Go 45 degrees	for 76 feet
Then 266 degrees	for 78 feet
Then 129 degrees	for 76 feet
Record the marker c	losest to and in your line of travel.
Destination reached	
CORRECT DESTIN	ATION (Supplied by leader)
	SCORE
Starting Point No.	
Go 43 degrees	for 72 feet
Then 285 degrees	for 56 feet
Then 160 degrees	for 72 feet
Record the marker c Destination reached	losest to and in your line of travel.
	ATION (Supplied by leader)
	SCORE
Starting Point No.	10
Go 346 degrees	
Then 108 degrees	
Then 220 degrees	for 88 feet
Record the marker c Destination reached	losest to and in your line of travel.
	ATION(Supplied by leader)
	SCORE
	orrect finish is 100. Deduct 5 points for om correct destination.
	TOTAL SCORE



Startin	g Poi	nt No.	9			
Go	43	degrees	for	72	feet	
Then	285	degrees degrees	for	56	feet	
Then	160	degrees	for	72	feet	
Record	d the	marker c	loses	t to a	and in	your line of travel.
		reached				*
CORR	ECT	DESTIN	ATIC	ON (S	Suppli	ed by leader)
						SCORE
Startir	g Poi	nt No. 1	0			
Go	346	degrees	for	93	feet	
Then	108	degrees degrees	for	73	feet	
Then	220	degrees	for	88	feet	
		marker o		t to a	and in	your line of travel.
CORR	ECT	DESTIN	ATIC	ON (S	Suppli	ed by leader)
						SCORE
Startir	ıg Poi	nt No. 1	1			
Go	18	degrees	for	89	feet	
Then	227	degrees	for	51	feet	
Then	158	degrees	for	54	feet	
						your line of travel.
Destin	ation	reached				
CORR	ECT	DESTIN	ATIC	ON(S	upplie	ed by leader)
						SCORE
		core for o				100. Deduct 5 points for ination.
					тот	AL SCORE



Startin	g Poi	nt No.	10			
		degrees		93	feet	
		degrees				
Then	220	degrees	for	88	feet	
Record	d the		losest	to a		your line of travel.
CORR	ECT	DESTIN	ATIO	N (S	Suppli	ed by leader)
						SCORE
Startin	g Poi	nt No.	11			
Go	18	degrees	for	89	feet	*
Then	227	degrees	for	51	feet	
Then	158	degrees	for	54	feet	
Record	d the		losest	to a	and in	your line of travel.
CORR	ECT	DESTIN	ATIO	N (S	Suppli	ed by leader)
						SCORE
		nt No.				
Go	348	degrees degrees	for	66	feet	
Then	207	degrees	for	67	feet	
Then	95	degrees	for	54	feet	
		marker o			and in	your line of travel.
					ilagu	ed by leader)
						SCORE
		ore for o				100. Deduct 5 points for ination.
					TOT	AL SCORE



Startin	g Poir	nt No.	11					
Go	18	degrees	for	89	feet			
Then	227	degrees	for	51	feet			
Then	158	degrees	for	54	feet			
		marker c reached		to a	nd in	your	line of travel.	
CORRI	ECT	DESTIN	ATIO	N (S	upplie	d by	leader)	
						SC	ORE	
Startin	g Poi	nt No.	12					
		degrees						
Then	207	degrees	for	67	feet			
		degrees						
		marker o reached			nd in	your	line of travel.	
CORR	ECT	DESTIN	ATIO	N (S	Supplie	ed by	leader)	
							ORE	
Stąrtin	g Poi	nt No.	13					
Go	323	degrees	for	72	feet			
Then	90	degrees	for	60	feet			
		marker o reached			and in	your	line of travel.	
CORR	ECT	DESTIN	ATIO	N(S	upplie	d by	leader)	
						SC	ORE	
		ore for a					Deduct 5 points for on.	
					TOT	AL SC	CORE	



NAME

Starting	Poi	nt No.	12			
Go	348	degrees	for	66	feet	
Then	207	degrees	for	67	feet	
Then	95	degrees	for	54	feet	
Record	the	marker c	losest	to a	and in	your line of travel.
CORRE	СТ	DESTIN	ATIO	N (S	Suppli	ed by leader)
						SCORE
Starting	Poi	nt No.	13		-2	
Go	323	degrees	for	72	feet	
Then	90	degrees	for	60	feet	
Then	216	degrees	for	71	feet	
Record	the	marker c	losest	to a	and in	your line of travel.
		reached				
CORRE	СТ	DESTIN.	ATIO	N (S	Suppli	ed by leader)
						SCORE
Starting	Poi	nt No.	14			
Go	326	degrees	for	84	feet	
Then	121	degrees	for	79	feet	
Then	240	degrees	for	58	feet	
Record	the i	marker c	losest	to a	and in	your line of travel.
Destina	tion	reached				
CORRE	CT	DESTIN.	ATIO	N(S	upplie	d by leader)
						SCORE
		ore for c away fro				100. Deduct 5 points for ination.
					TOT	AL SCORE



Starting Point No. 13

# SCORE CARD FOR COMPASS COURSE - FEET

Go	323	degrees for	72	feet	
		degrees for			
		degrees for			
		marker closes reached		and in	your line of travel.
CORR	ECT	DESTINATIO	ON (5	Suppli	ed by leader)
					SCORE
Startin	g Poi	nt No. 14			
Go	326	degrees for	84	feet	
		degrees for			
		degrees for			
		marker closes reached	t to a	and in	your line of travel.
CORR	ECT	DESTINATION	ON (S	Suppli	ed by leader)
					SCORE
Startin	g Poi	nt No. 15			
Go	327	degrees for	73	feet	
Then	106	degrees for	58	feet	
Then	228	degrees for degrees for	68	feet	
Record	d the				your line of travel.
CORR	ECT	DESTINATION	ON(S	upplie	ed by leader)
					SCORE
		ore for correct away from c			100. Deduct 5 points for ination.
				тот	AL SCORE



Starting Point No. 14

# SCORE CARD FOR COMPASS COURSE - FEET

NAME	

O car cii	.9 . 0.	110.110		
Go	326	degrees for	84	feet
Then	121	degrees for	79	feet
Then	240	degrees for	58	feet
		marker close reached		and in your line of travel.
CORR	RECT	DESTINATI	ON	(Supplied by leader)
				SCORE
Startin	ng Poi	nt No. 15		
Go	327	degrees for	73	feet
Then		degrees for		feet
Then	228	degrees for	68	feet

Record the marker closest to and in your line of travel.

Destination reached

CORRECT DESTINATION (Supplied by leader)

SCORE \_\_\_\_\_

### Starting Point No. 16

Go 2 degrees for 94 feet Then 211 degrees for 58 feet Then 149 degrees for 52 feet

Record the marker closest to and in your line of travel.

Destination reached

CORRECT DESTINATION(Supplied by leader)

SCORE

SCORE: Score for correct finish is 100. Deduct 5 points for each marker away from correct destination.

TOTAL SCORE



#### SCORE CARD FOR COMPASS COURSE - FEET

SIL	B	NAME		
Startii	ng Poi	nt No. 15		
Go	327	degrees for	73	feet
Then	106	degrees for	58	feet
Then	228	degrees for	68	feet
		marker closes reached	t to a	and in your line of travel.
CORF	RECT	DESTINATIO	ON (S	Supplied by leader)

### Starting Point No. 16

Go	2	degrees for	94	feet
Then		degrees for	58	feet
Then		degrees for	52	feet

Record the marker closest to and in your line of travel. Destination reached

CORRECT DESTINATION (Supplied by leader)

SCORE \_\_\_\_

SCORE \_\_\_\_\_

### Starting Point No. 17

Go	347	degrees for	80	feet
Then	166	degrees for	75	feet
Then	265	degrees for	60	feet

Record the marker closest to and in your line of travel. Destination reached

CORRECT DESTINATION(Supplied by leader) \_\_\_\_\_

SCORE

SCORE: Score for correct finish is 100. Deduct 5 points for each marker away from correct destination.

TOTAL SCORE



NAME			

Startin	ng Poi	nt No. 16		
	-	degrees for	94	feet
Then	211	degrees for	58	feet
		degrees for		
Recor	d the		t to a	and in your line of travel.
CORR	ECT	DESTINATION	ON (S	Supplied by leader)
				SCORE
Startin	ng Poi	nt No. 17		
Go	347	degrees for	80	feet
Then	166	degrees for	75	feet
		degrees for		
		marker closes reached	t to a	and in your line of travel.
			ON (S	Supplied by leader)
				SCORE
Startin	ng Poi	nt No. 18		
Go	285	degrees for	55	feet
		degrees for		
		degrees for		
Recor	d the		t to a	and in your line of travel.
CORF	ECT	DESTINATION	ON(S	Supplied by leader)
				SCORE
5000	E. C	ove for some	at f:	
SCUR	E: 50	core for correc	CUIII	hish is 100. Deduct 5 points for

each marker away from correct destination.



Startii	ng Poi	nt No. 17			
Go	347	degrees for	80	feet	
Then	166	degrees for	75	feet	
Then	265	degrees for	60	feet	
Recor	d the	marker closes	st to	and in your line of travel.	
Destin	ation	reached			_
CORF	RECT	DESTINATION	ON (S	Supplied by leader)	
				SCORE	
Startii	ng Poi	nt No. 18			
Go	285	degrees for	55	feet	
Then	51	degrees for degrees for	72	feet	
Then	212	degrees for	71	feet	
		marker closes reached		and in your line of travel.	
CORF	RECT	DESTINATION	ON (	Supplied by leader)	
				SCORE	
Starti	ng Poi	int No. 19			
Go	311	degrees for	92	feet	
Then	85	degrees for	53	feet	
Then	192	degrees for	66	feet	
		marker closes reached		and in your line of travel.	
CORF	RECT	DESTINATION	ON(S	Supplied by leader)	
				SCORE	
				nish is 100. Deduct 5 points for ect destination.	
				TOTAL SCORE	



Startin	g Poi	nt No.	18					
		degrees						
Then	51	degrees	for	72	feet			
Then	212	degrees	for	71	feet			
Record	the	marker o	losest	to a	and in	your	line of travel.	
Destina	ation	reached						
CORR	ECT	DESTIN	ATIO	N (S	Supplie	ed by	leader)	_
						SC	ORE	_
Startin	g Poi	nt No.	19					
Go	311	degrees	for	92	feet			
Then	85	degrees	for	53	feet			
Then	192	degrees	for	66	feet			
		marker o				-	line of travel.	
CORR	ECT	DESTIN	ATIO	N (S	ilggu	ed by	leader)	
			W711811 WCC-5				ORE	
Startin	g Poi	nt No.	20					
Go	288	degrees degrees	for	69	feet			
Then	348	degrees	for	70	feet			
Then	146	degrees	for	108	feet			
		marker o					line of travel.	
CORR	ECT	DESTIN	ATIO	N(S	upplie	d by I	leader)	
							ORE	
		core for o					Deduct 5 points for n.	
					TOT	AL SC	ORE	



Startin	g Poi	nt No.	19			
Go	311	degrees	for	92	feet	
Then	85	degrees	for	53	feet	
Then	192	degrees	for	66	feet	
		marker c reached		st to a	and in	your line of travel.
CORR	ECT	DESTIN	ATI	ON (S	Suppli	ed by leader)
						SCORE
Startin	g Poi	nt No.	20			
Go	288	degrees	for	69	feet	
		degrees				
Then	146	degrees	for	108	feet	
		marker c reached			and in	your line of travel.
CORR	ECT	DESTIN	ATI	ON (S	Suppli	ed by leader)
			acount m	2000		SCORE
Startin	g Poi	nt No.	1			
		degrees				
		degrees				
		degrees				
		marker c reached			and in	your line of travel.
CORR	ECT	DESTIN	ATI	ON(S	upplie	ed by leader)
						SCORE
		ore for c				100. Deduct 5 points for ination.
					TOT	AL SCORE



Starting Point No. 20
Go 288 degrees for 69 feet
Then 348 degrees for 70 feet
Then 146 degrees for 108 feet
Record the marker closest to and in your line of travel.  Destination reached
CORRECT DESTINATION (Supplied by leader)
SCORE
Starting Point No. 1
Go 61 degrees for 101 feet
Then 314 degrees for 67 feet
Then 174 degrees for 96 feet
Record the marker closest to and in your line of travel.  Destination reached
CORRECT DESTINATION (Supplied by leader)
SCORE
Starting Point No. 2
Go 59 degrees for 83 feet Then 255 degrees for 58 feet
Then 255 degrees for 58 feet
Then 117 degrees for 61 feet
Record the marker closest to and in your line of travel.  Destination reached
CORRECT DESTINATION(Supplied by leader)
SCORE
SCORE: Score for correct finish is 100. Deduct 5 points for each marker away from correct destination.
TOTAL SCORE