Grade 4. Description.

Scoring on a Pool sheet and First and Second Indicators.

The President or Scorer records all hits scored on a pool sheet (see example sheet provided). Each fencer's name is shown in the **left hand column** of the pool sheet and is allocated a number in the pool. Numbers in the horizontal column next to his/her name indicates all hits scored by the fencer in a pool. The **vertical columns** have corresponding numbers and indicate the hits **scored by the opponents.**

The results in a pool are decided by the **First/Second and Third indices** and are as follows:

1. **First Indicator** is the number of Victories divided by the number of fights, with the highest number being 1. For example $3/5 = 0.6$ these decide pool ranking and are used first

2. **Second Indicator** is the number of hits scored (Horizontal Column) minus the number of hits received (Vertical Column), and is used if fencers are equal in the first indicator

3. **If the scores are still equal:** the fencer with the highest number of hits scored is promoted to the next round.

4. **If all fencers are still equal then:** then a coin is tossed/lots are drawn.

Recording Apparatus: This consists of a box, which is for registering hits. The box consists of a buzzer and coloured lights, one **Green** and one **Red** to record **on target** hits, and two **White** lights to record **off target** hits. Ground wires to two spring-loaded spools connect the box. The spools have a wire attached to each fencer, which pays out when he/she moves forwards or rewinds when he/she moves backwards.

A Fencers Electrical Equipment: This consists of a Lamé jacket a body wire connected to the spool, the back of the Lamé jacket, and to the socket fitted to the sword.

To Test the Equipment: Hit the target area, a **Green or Red** light will show on the box. Hit off target and then on target and a **white and coloured** light will show on the same side to indicate an **invalid** hit is recorded, (note that if during a bout just the **off target** area is hit then a **single white** light will show). Hit on target then off target and only a **Red or Green** light will show as in the first test. Repeat the above process for the opponent.

The Foil Test Weight: The test weight weighs 500 grams, hold the foil with the point upward, place the test weight on the point of the foil and the pressure on the point must be more than 500 grams, that is to say that this weight must be lifted by the spring point. The distance, which the point must travel back in order to cause the electrical apparatus to register a hit, may be infinitely short; the total stroke must be less than 1mm.

Example score sheet:

1st Indicator

2nd Indicator

Name	No's	1	2	3	4	5	6	7	8	9	10	Total Wins	Hits Recv'd	Hits Scrd	Place
JANE	1	■	5	5	5	2	3					3/	18	+2	3
		■	V	V	V	D	D				0.6	5		20	
TOM	2	3	■	4	5	5	2					2/	20	-1	4
		D	■	D	V	V	D				0.4	5		19	
ANNE	3	2	5	■	5	3	2					2/	22	-5	5
		D	V	■	V	D	D				0.4	5		17	
HARRY	4	3	3	3	■	3	5					1/	24	-8	6
		D	D	D	■	D	V				0.2	5		16	
LYNN	5	5	2	5	5	■	5					4/	15	+7	1
		V	D	V	V	■	V				0.8	5		22	
DICK	6	5	5	5	4	2	■					3/	17	+4	2
		V	V	V	D	D	■				0.6	5		21	
	7							■							
								■							
	8								■						
									■						
	9									■					
										■					
	10										■				
											■				

Order of Assaults.   Signature of President

Pool of 5.	Pool of 6	Pool of 7		Pool of 8		Pool of 9			Pool of 10			Team of 4
1-2	1-4	1-4	3-1	2-3	7-5	1-9	7-5	5-2	1-4	10-8	2-6	3-8
3-4	2-5	2-5	4-6	1-5	3-6	2-8	6-1	6-9	6-9	1-2	5-8	4-6
5-1	3-6	3-6	7-2	7-4	2-8	3-7	3-2	8-7	2-5	6-7	4-10	1-7
2-3	5-1	7-1	3-5	6-8	5-4	4-6	9-4	4-1	7-10	3-4	1-9	2-5
5-4	4-2	5-4	1-6	1-2	6-1	1-5	5-8	5-3	3-1	8-9	3-7	6-3
1-3	3-1	2-3	2-4	3-4	3-7	2-9	7-6	6-2	8-6	5-10	8-2	8-1
2-5	6-2	6-7	7-3	5-6	4-8	8-3	3-1	9-7	4-5	1-6	6-4	5-4
4-1	5-3	5-1	6-5	8-7	2-6	7-4	2-4	1-8	9-10	2-7	9-5	7-2
3-5	6-4	4-3	1-2	1-4	3-5	6-5	5-9	4-5	2-3	3-8	10-3	1-6
4-2	1-2	6-2	4-7	5-2	1-7	1-2	8-6	3-6	7-8	4-9	7-1	3-5
	3-4	5-7		8-3	4-6	9-3	7-1	2-7	5-1	6-5	4-8	2-8
	5-6			6-7	8-5	8-4	4-3	9-8	10-6	10-2	2-9	4-7
	2-3			4-2	7-2				4-2	8-1	3-6	5-1
	1-6			8-1	1-3				9-7	7-4	5-7	6-2
	4-5								5-3	9-3	1-10	7-3
												8-4

Note the fencer's number called out first stands on the Presidents right.