

SwimCanterbury Grand Prix 2010



Age Groups:

10 & under, 11, 12, 13, 14, 15, 16, 17 & Over (age as at AquaGym Southern Invitational Meet 22 May 2010)

Prizes:

Each age group / Male & female.

1st, 2nd, and 3rd trophy and SCWC certificate

Points:

All swims will score **FINA** Points regardless of final placing.

Points for all Grand Prix events will be added together for each SCWC swimmer. FINA scores will be printed with results at each meet beside each event result.

Rationale for using FINA points:

- To educate swimmers to think about the quality of their swim rather than just their finishing position, ie a 4th place in one event may be a higher score than a 1st in another:
- Familiarise everyone with the FINA points system.
- The XLR8 points system is a similar system to FINA points and is used by SNZ for 15 & under swimmers to encourage them to diversify strokes and compete in a wide range of distances – considerable weighting is based on longer distance events. The Grand Prix events have been specifically targeted to encourage these swims. All meet results go to the national database and are included in swimmers' XLR8 points.

Grand Prix Events

AquaGym Sthn Invitational (22-23 May)	100 Back	100 Fly	100 Free	400 IM
	Timed Final	Timed Final	Timed Final	Timed Final
Scoring age groups	All age groups	All age groups	All age groups	11 & over
Jasi Winter Meet (18-19 June)	200 Fly	200 Free	100 Breast	100 IM
	Timed Final	Timed Final	Timed Final	Timed Final
Scoring age groups	All age groups	All age groups	All age groups	All age groups
QEII Mid Winter (9-11 July)	800 Free	1500 Free	400 Free	200 Back
	Timed Final	Timed Final	Timed Final	Heat
Scoring age groups	12 & over Females	13 & over Males	All age groups	All age groups
Wharenui Winter Olympics (12-15 Aug)	1500 Free	800 Free	200 Breast	200 IM
	Timed Final	Timed Final	Heat	Heat
Scoring age groups	13 & over Females	12 & over Males	All age groups	All age groups

Exceptions:

400IM is not available to 10 & under swimmers to score on; 800 Free is not available to 11 & under; 1500 Free is not available to 12 & under swimmers to score as these distances are not XLR8 events for these ages.

"FINA"

(Federation Internationale de Natation)
World Swimming Organisation

Fina Point Scoring

Please note:

The "Meet Manager" computer programme we use to run all swim meets calculates these points automatically.

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Overview

The FINA Point Scoring allows comparisons of results among different events. The FINA Point Scoring assigns point values to swimming performances, more points for world class performances typically 1000 or more and fewer points for slower performances.

Point values are assigned every four years after the Olympic Games. The charts have one set of points for Short Course and another for Long Course.

The scoring is named by the year of the Olympic Games, after which the base times were defined, e.g. "**FINA Point Scoring 2008**" after the Games of Beijing 2008.

Formula

The points are calculated using a cubic curve. With the swim time (**T**) and the base time (**B**) in seconds the points (**P**) are calculated with the following formula: $P = 1000 * (B / T)^3$

The exact formula is used to calculate points from times. Then all point values are rounded to the next integer number using normal rounding (932.499... -> 932, 932.50... -> 933).

If the needed time (**T**) for a certain number of points (**P**) should be calculated, the exact formula is used to calculate a first estimation. Then the time should be reduced by one hundredth of a second as long as the reverse calculation with the time still results in the original number of points.

Base times for 1000 points

The base times are defined for all common individual events and relays, separated for men / women and long course / short course.

The base times are recalculated every four years after the Olympic Games, based on the average of the Top Ten of the All Time World Rankings. In cases of doubt and for events with no accurate fundamentals, FINA defines the base times at their's own discretion.

The base times are published on the FINA website within one month after the Olympic Games.