

# Vancouver Island Track and Field Series

To Qualify for Island Series Awards JD and U16 athletes must satisfy the following criteria

Compete in at least 3 of the 5 Island Series meets

For Best of Meet awards: the sum of the points for the best performance from three different meets in the series. Athletes in each age and gender group are ranked in descending order and ribbons assigned down to tenth place

For Run, Jump Throw awards: the sum of points for best Run, best Jump and best Throw during series are used. Athletes must have competed in at least three meets in the VIAA Series.

The points for a performance are calculated as follows: There is a performance points table for each event and age group, some points for placing and 10 points for competing.

❖ The same scoring system as was used in 2008 is used (see below)

❖ Team Awards are based on the points totals of all the athletes in a given club

in all performances at all meets in the VIAA series.

Please direct any corrections or comments to [tdingle@uvic.ca](mailto:tdingle@uvic.ca)

**CURRENTLY I HAVE AN EXCEL PROGRAM THAT CALCULATES THE POINTS USING THE PERFORMANCES THAT COME FROM EACH MEET.**

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## **THE VANCOUVER ISLAND TRACK & FIELD SERIES SCORING SYSTEM developed in 2008 and updated as appropriate**

The system is based on the IAAF ranking system (see the rankings page on [www.iaaf.org](http://www.iaaf.org)). The total score has three components:

Performance Score, see below

Placing Score, 1<sup>st</sup> place 25% of Performance Score; 2<sup>nd</sup> 20%; 3<sup>rd</sup> 16%, etc.

Participation Score, 10 points for completing an event.

The formulas used to calculate the Performance Score are:

Races:           Points =  $d*(a*(b-M)^c)$

Field Events:   Points =  $d*(a*(M-b)^c)$

Where M is the actual performance in seconds or metres, and a, b and c are constants for each event calculated by the IAAF statisticians, see [www.icosathlon.net](http://www.icosathlon.net), "rules of competition" and [world-masters-athletics.org](http://world-masters-athletics.org). Some of our JD events are not IAAF events, 80 metre hurdles, 300 metre hurdles, 800 metre race-walk, 1500

metre race-walk, 1500 metre steeple chase and some other events. For these events, we've interpolated values using the events nearest to as our guide.

For U16 Boys we use the IAAF women's constants. For the Junior Development ages and U16 Girls, the "a" and "b" constants are revised to reflect the lower performances range.

Explanation of IAAF constants;

"a" equalizes the event performances, e.g. high jump (X.xx) has a high number (916.325) and the 3,000 metres (XXX.xx) a low number (.00683). These constants were set in 1985 with the then world records scoring 1200 points.

"b" is the performance so far below standard that it is deemed to score zero points.

"c" controls the shape of the curve from the "b" point through the 1200 score.

Constant "d" is set so that Standard Performance, see below, will score 72 points. Why 72? So that a perfect performance will score 100:

Performance at Standard	= 72
First Place at 25%	= 18
Participation	= <u>10</u>
Total	= <u>100</u>

Standard Performance is all time #1 on the JD Top Ten Lists or BC Records for U16 athletes