



What are T-Scores?

- T-scores are 'Transformed Scores' used to standardise raw scores across the level or cohort.
- T-scores give the relative rank or position of a pupil's performance compared to all the other pupils in that subject in the same exam.
- T-scores can be computed for individual subjects and then summed up as a single aggregate T-score, say in the case of PSLE.
- T-scores allow pupils to be ranked fairly.



3

























nining of		05	1-200	res	Con	ve
's now take a	look at	Okto	's total pe	erfor	mance	
Table 1			[
	Total	Raw	Cohort Ave	Std	Т-	
Subject	Score	Score	Score	Dev	Score	
English	200	175	120	30	68.33	
Mother Tongue	200	130	130	35	50.00	
Mathematics	100	85	65	20	60.00	
Science	100	85	75	20	55.00	
Aggregate Score					233	

 The conort's average and standard deviation play a big part in Okto's T-scores. To demonstrate, let's move the average scores of all subjects down by 10 marks each, keeping all other variables (raw score and SD) constant. This is how Okto's score will now look like.

Table 1						Table 2					
			Cohort						Cohort		
	Total	Raw	Ave	Std	Т-		Total	Raw	Ave	Std	Т-
Subject	Score	Score	Score	Bev	Score	Subject	Score	Score-	Score	Dev	Score
Fnalish	200	175	120	30	68 33	Fnalish	200	175	110	30	71 67
MT	200	130	130	35	50.00	MT	200	130	120	35	52.86
Math	100	85	65	20	60.00	Math	100	85	60	20	62.50
Science	100	85	75 /	20	55.00	Science	100	85	70	20	57.50
Agg Score					(233)	Agg Score			<u> </u>		245)
.33					\triangleleft						\leq





IS t • Becau there Many and is	here	E a S E aggre ked "ma believe istent.	Maxi egate sco ximum a e that the	mu ore is aggre e max	based o gate sco	Igregate T-s (-scores computation, th - egate is 300. That is a m	core? neoretically, isconception		
To de his su	monstra Ibjects,	ate, I ha using ti	ve maxii ne same	nised avera	l Okto's ages and	ore (in Table 3) to full ma Ds found in Table 2 earli	rks for all er.		
Table 3									
Subject	Total Score	Raw Score	Cohort Ave Score	Std Dev	T- Score	Note that although Okto scored 100% marks for all subjects, his PSLE Aggregate T-Score is only He did not score the (imaginary a			
		\sim	-			non-existent maximum	n) PSLE		
English	200	/200∖	110	30	80.00	Aggregate Score of St			
Mother T	200	200	120	35	72.86	The only way to score	that 300 (or		
Math	100	100	65	20	67.50	even above that), is to	have a very		
Science	100	\100/	60	20	70.00	weak cohort in that ye	ar.		
Agg Score					290		21		
	Į	!	Į.	Į.		1			

