Power Output of a Typical Student

Na	me:		Date:	
aff		ysical characteristics of stude an generate when performing ght of stairs.		å
Eq	uipment:		Co	
•	Metre stick Scale to measure the mass of each student Stopwatch Students* (caution: students who have health problems or are wearing inappropriate or unsafe footwear should not participate in this activity)			
Pro	ocedure:			
1. 2. 3.				
4.	(height of one stair)	(# of stairs) ord how long it takes for him,	(total heigh	nt, h)
An	alysis:			
1. 2.	Calculate the work done and the power for each student and record it in the table. Rank the students starting at 1 (being the most powerful) .			
Dis	cussion:			
1.	Explain how the power output of two students of the same mass could be very different.			
2.	Explain how the times wou	ıld compare for a massive per	rson versus a less mass	iive person.