

## MDM4U Final Project

## Plan Phase

**1. Survey – Primary Research**

Replication Size: 50 students from BCSS

This is my proposed survey:

**MDM4U Survey**

Read each sentence, and, on the right, check off the box that makes sense. Don't overthink the questions. Instead, just ask yourself how you compare – not just to your co-workers, friends, or family – but to “most people”.

	Not at all like me	Not much like me	Some-what like me	Mostly like me	Very much like me
1. New ideas and projects sometimes distract me from previous ones.	5	4	3	2	1
2. Setbacks don't discourage me. I don't give up easily.	1	2	3	4	5
3. I often set a goal but later choose to pursue a different one.	5	4	3	2	1
4. I am a hard worker.	1	2	3	4	5
5. I have difficulty maintaining my focus on projects that take more than a few months to complete.	5	4	3	2	1
6. I finish whatever I begin.	1	2	3	4	5
7. My interests change from year to year.	5	4	3	2	1
8. I am diligent. I never give up.	1	2	3	4	5
9. I have been obsessed with a certain idea or project for a short time but later lost interest.	5	4	3	2	1
10. I have overcome setbacks to conquer an important challenge.	1	2	3	4	5

Thank you for filling in this survey. The results will be used to develop my final project for my grade 12 data management project at Brampton Centennial Secondary School. If you need further information, please contact Ida Knowe through Ms. Gorski at (905) 451-2860.

Survey Spreadsheet Tab:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	<b>Grit Survey Data</b>														
2		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Grit Score	Grit Percentile	Perseverance Score	Passion Score
3	<i>Formula</i>	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	<i>Sum / 10</i>	<i>From Chart</i>	<i>Even # / 5</i>	<i>Odd # / 5</i>
4															

Survey Variables:

Q #	Name	Perseverance/Passion	Categorical/Numerical	Discrete/Continuous
1	Distract	Passion	Numerical	Discrete
2	Setback	Perseverance	Numerical	Discrete
3	Change Goals	Passion	Numerical	Discrete
4	Hard Worker	Perseverance	Numerical	Discrete
5	Focus	Passion	Numerical	Discrete
6	Finish	Perseverance	Numerical	Discrete
7	Change Interests	Passion	Numerical	Discrete
8	Diligent	Perseverance	Numerical	Discrete
9	Short Obsession	Passion	Numerical	Discrete
10	Overcome setbacks	Perseverance	Numerical	Discrete

Duckworth's Percentiles

Percentile	Grit Score
10%	2.5
20%	3.0
30%	3.3
40%	3.5
50%	3.8
60%	3.9
70%	4.1
80%	4.3
90%	4.5
95%	4.7
99%	4.9

Survey & Percentile Source:

- Duckworth, Angela. *Grit: The Power of Passion and Perseverance*. 2016. Pg 55-56.