

Summary of Final Questionnaire

Total number of NCS students: 154

Number of schools involved: 6

In questions 1 – 14,

Options 1, 2 are “strongly agree” and “agree”

Options 3, 4 are “disagree” and “strongly disagree”

We regard options 1, 2 as agreeing the statement and options 3, 4 as disagreeing the statement.



Supporting the learning and teaching of mathematics for non-Chinese speaking students in secondary school		
	Agree	Disagree
Q1. I love maths	62%	38%
Q2. I pay attention to the teacher during class	87%	12%
Q3. It is hard to follow teacher's talk	51%	48%
Q4. I study hard for my tests and exams	77%	22%
Q5. I enjoy difficult maths questions	42%	56%
Q6. I usually give up when I face hard maths questions	43%	56%
Q7. I always forgot what I have learnt	49%	49%
Q8. I am able to help my classmates on their maths classwork and homework	60%	40%
Q9. If I work hard, I can go to the university and find a nice job	89%	10%
Q10. I want more time when I do maths questions	81%	18%
Q11. If I face hard maths questions, I ask my family	52%	48%
Q12. If I face hard maths questions, I ask my friends	82%	17%
Q13. If I face hard maths questions, I ask my teachers	87%	13%
(1-Strongly Agree, 2-Agree, 3-Disagree, 4-Strongly Disagree)		

Some observations:

- 62% of them agree that they love maths, which is quite positive. Some students mentioned that maths generally contains fewer words than other subjects, so they can understand math better than other subjects.
- Many of the students agree that they pay attention during class (Q2), study hard for tests and exams (Q4). This contradicts to teachers' comments. It could be the case that the students regard themselves as attentive and hardworking but the teachers still do not find them attentive and hardworking enough.
- Around half of the students agree that they always forgot what they have learnt (Q7), which matches teachers' usual comments.
- Around half of the students find it hard to follow teacher's talk (Q3) and we also have similar observation when we observe the many different lessons.

- More than 80% of the students want more time when they do maths questions (Q10).
- Most of them agree that they can go to the university and find a nice job if they work hard (Q9)
- When they face hard math questions, most of them ask their teachers (87%) and friends (82%), only around half of them would ask their family.
- 60% of the students agree that they can help their classmates on maths classwork and homework. It matches our observation that they like discussing with each other during the lessons.

Q14. Normally, how much time do you spend on maths homework or revision after school <u>everyday</u> ?		Total
1) Do not spend time	1	21
2) Less than 1 hour	2	62
3) 1 to 2 hours	3	61
4) More than 2 hours	4	10

- more than 80% of the students usually spend less than 2 hours on maths homework or revision after school everyday.

Q15. What I find helpful when I learn maths?		Total	%
1-Show more examples	1	107	69%
2-Show the meaning with real life examples	2	36	23%
3-More time provided	3	48	31%
4-More tips	4	89	58%
5-More new information to understand the problem	5	71	46%
6- Show the formula	6	93	60%

When asked what the students find helpful when they learn maths,

- Show more examples is their favourite choice (69%), followed by show the formula (60%) and more tips (58%). It generally matches some of our observations, e.g. some students tend to ask for formula or direct method to solve a problem.