

Know Your Maths

Written report

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Abstract

Know Your Maths is a user-friendly online website which aims to help those students taking the PSLE Math examination, and the years to come. Should any student in need of help in any topic covered in Primary 6, a click to our website which contains all Mathematical topics taught over the whole Primary 6 year would enable solve the problem.

Introduction

- **Objectives**
Help and guide the P6 students taking the PSLE Math exam
- **Target Audience**
Those who have not taken the PSLE Math examination
- **Resources**
A website comprising of all the Math topics covered in the P6 year including videos and examples. We have a comment section should anyone have any doubts about the topic.

Review

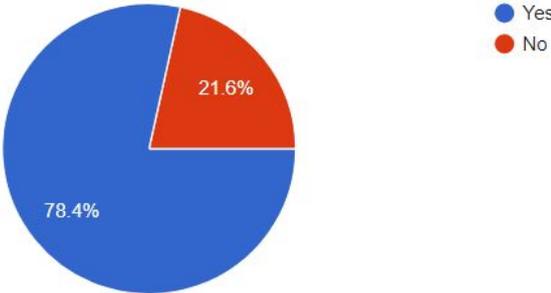
Other sources such as textbooks or other online sources does not have any vivid examples to explain the topic. The best alternative is tuition, however it cost money. So, we decided to have a website that is free of charge with clear and concise examples to help students.

Methodology

- **Needs Analysis**
To ascertain the relevance of our project, we conducted a survey on students who have not took the PSLE Math exam, by asking if they had any problem with their past school examinations. And out of the 50+ respondents, most had problem with them.
- **Survey Results**

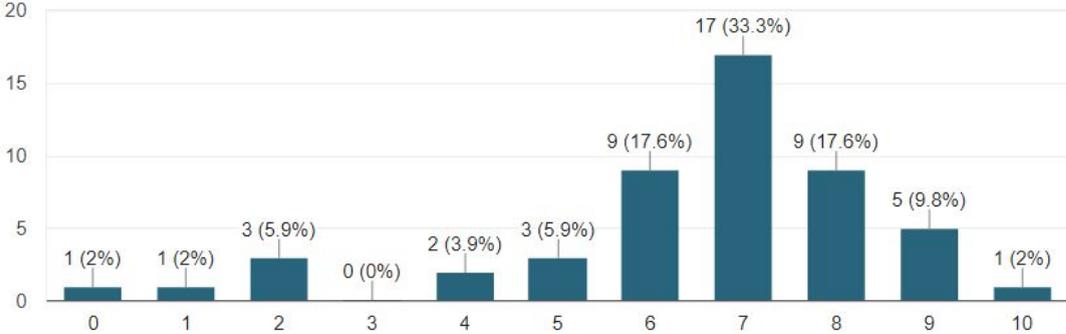
Do you have trouble with your preparation for Math (CA1, SA1..) ?

51 responses



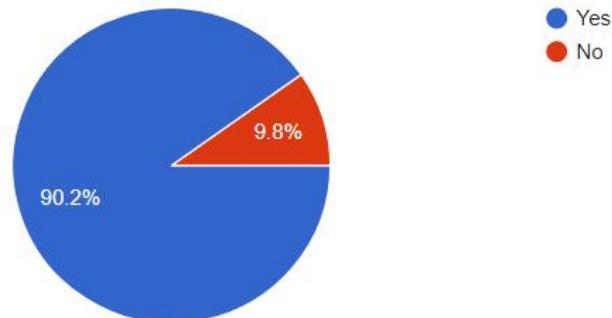
Rate how stress you felt when preparing for your Math examinations from 1-10

51 responses



Do you think a website consisting of all Mathematical topics and solutions will help you for the upcoming exams?

51 responses



- **Development of Resource**

To create this website, we relooked through all our past Primary 6 Math materials to get an idea of the topics taught during the Primary 6 level for Math and thus managed to create the resource.

- **Pilot Test**

After a failed run of our first pilot test at Elias Park Primary School, we conducted another pilot test again at the same place. As our groupmate still keeps in contact with his teacher, he sent the teacher the link of our website and she showed it to the class, asking for feedback. This time, we received a wide range of feedback.

“ It was good as there are many topics on the website. However, the videos took too long to transition.” - A student from Elias Park Primary

“ The videos were slow” - A student from Elias Park Primary

As most said, our problem lies with the videos being too slow and boring.

Outcome & Discussion

Since we had lots of feedback during the mid-term evaluation, we planned to work hard on those areas to improve our resource. For example, the words in the videos and our website were too small, the videos are not engaging as there were no music in the videos. In the end, we added music in the video and put in cartoon characters to make it more interesting. We have already improved the font size of our website

and recreated the videos.

Conclusion

Although Know your Maths has been a challenging project to undertake as it requires us lots of time to create the full resource which includes a website filled with all the P6 Math topics that were taught with brief explanation and videos. We had also faced lots of challenges working on this project, but all of us felt happy that we are able to help the P6 students by giving them a good platform to revise their math to get good grades for their PSLE. We believe that that we had made the right choice doing this project.

Acknowledgement

We would like to thank the teachers and friends who had helped us for the project, without their help, our project will not be successful.

We are grateful to have Dr Chia as our mentor as he helped us a lot for this project. We would also like to thank our juniors in primary school for helping us with the needs analysis and pilot test.

References