

CATEGORY 4 RESOURCE DEVELOPMENT.

Group ID:

Board game for total defence day

Ethan Chia 1O2 (5)

Jayce Wang Junchen 1O2 (26)

Ng Yu Heng 1O2 (18)

Tee Yu Tong 1O2 (24)

Abstract: A lot of people don't know this, but there is a serious problem in our country, ever so increasing in modern society. The problem is rooted in ignorance, and many people don't even know what the problem is. It is reflected not only in Singapore, but throughout the world, and it is also the main cause of the destabilisation of countries. This problem is the lack of knowledge surrounding total defence. In this written report, we will be explaining the main issues regarding the ignorance of our iconic 6 pillars of defence. We will go into further detail on how this will severely damage the prosperity and stability of Singapore in the long run, if not properly managed. We will also suggest a solution to curb this problem, an invention created by us. The board game.

1. Introduction

1.1 Context: *Military, Civil, Economic, Social, Digital and Psychological Defence.*

This has been greatly emphasized and promoted in our education system and the general public consensus is that by maintaining our 6 pillars of defence, we can truly prosper as a nation. Luckily, our population has been learning this from a young age and as such, as a strong and familiar understanding of total defence. There's only one problem, the following is completely false. Despite the teachings of our education system, it seems that the general public is still quite ignorant about Total defence, which has been one of the main factors that kept Singapore running for decades despite being small and lacking both natural and man-made resources.

1.2 Objective of our board game:

- Increase awareness on total defence.
- Increase awareness on the effects and how to participate in keeping our country safe.
- Encourage students to take this more seriously.

1.3 Target Audience of our board game.

The target audience of our game is Primary school students and Lower Secondary students.

2. Review

Current resources available to students are NE lessons and information at community centers, including the ones on government agency websites. However, all these resources are extremely boring to students and absolutely no one will look at them, and eventually learn something. Or even if they learnt something, there will be no opportunities for them to practise what they learnt. Thus there is an urgent need to come up with newer and more interesting resources for students to learn about total defence.

3. Methodology

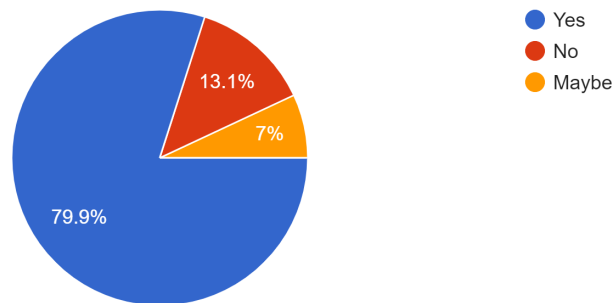
3.1 Needs analysis: We conducted a survey reaching out to our targeted audience. Out of the 2360 participants, a surprising number of people expressed their unfamiliarity with total defence in the survey.

Out of the total 2360 participants, only 79% of people have even HEARD of the term Total Defence despite it being taught in primary schools every national day. It is even revealed that 66 percent of participants don't even know what the 6 pillars of Total defence are. The vast majority of the participants even admit that they do not know the majority of the 6 pillars of defence. When asked about their understanding of Total Defence, it is a horrifying sight.

Needs analysis

Have you ever heard about the term "Total Defence"? / 请问您听说过全民防卫吗?

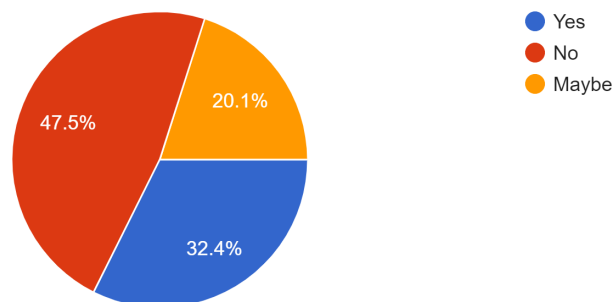
244 responses



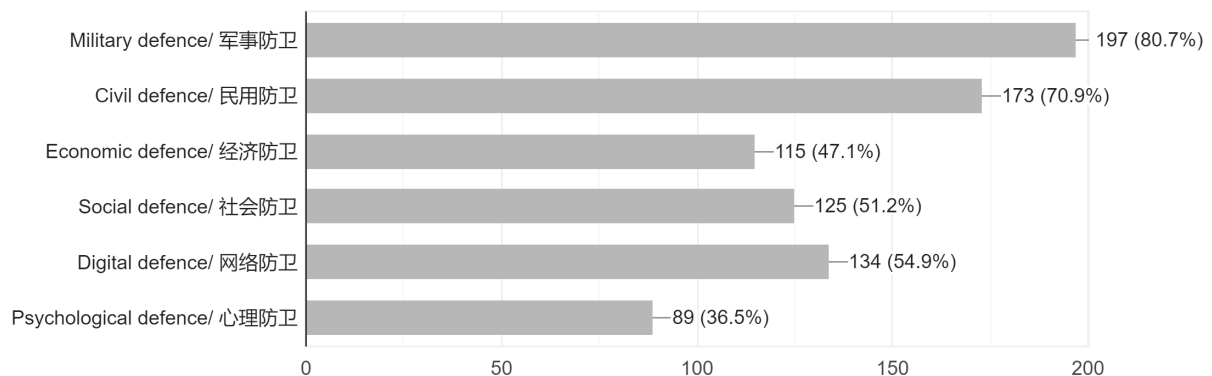
Do you know about the six pillars of defence in Singapore? /

请问您知道新加坡全民防卫的六个方面吗?

244 responses



The Total Defence includes Military Defence, Civil Defence, Economic Defence, Social Defence, Digital Defence and Psychologic...军事, 民用, 经济, 社会, 网络和心理防御。请问您听说过哪一种?
244 responses



When we asked about their knowledge of total defence, here is a list of majority of the responses:

1. Don't know
2. Knows that Total Defence is to defend Singapore. (But don't know how)
3. Knows that every Singaporean has to play a part. (But also don't know how)
4. Knows roughly what each of the defences do.
5. Not many know about Civil and Psychological defence.
6. Some have the misconception that Total Defence is solely to only protect Singapore from enemies. (In other words, they confuse total defence with Military defence, which is only one of the six pillars in total defence.
7. People know the most about Military Defence.

3.2 Development of these resources.

Extensive research was carried out on the internet, we watched talks from the ministers, and got a lot of information on the government agency websites which most students don't even bother to read. We created this board game to educate students in a fun way.

3.3 Pilot Test

We first asked some of our classmates to try out the game, and then asked some friends from other schools to try out the game. Overall, there were good reviews.

"I think this game is very efficient in educating the public and allows students/children to understand more about Total Defence as they are able to learn while having fun which is a fantastic concept. The only problem is that the game takes quite long to finish playing so students that do not have much free time to spare might be left out."-Randal Siow, 102

“I think this game is a fresh approach to total defence. It is definitely better playing this than sitting in class and take a lecture.”-Anonymous

4. The final outcome.

The resource has been effective based on the great review it received. Through the pilot test, the game proved to be fun to learn about total defence. The effectiveness of it on students with minimal knowledge is unknown as our test subjects all have knowledge on the topic. Nevertheless, we still managed to make improvements on the game, including changing the graphics and adding in more fun events and crises.

5. Conclusion.

This project proved challenging for the four of us as most students were already bored with this topic for years and have completely lost interest in total defence. Hence we had to do a lot of research so that the students don't have to do it themselves. In the end, knowing that awareness will be raised on the backbone of Singapore, we are proud to say that our goal has been reached.

Reference:

<https://www.mindef.gov.sg/web/portal/mindef/defence-matters/defence-topic/defence-topic-detail/total-defence>