

## Introduction

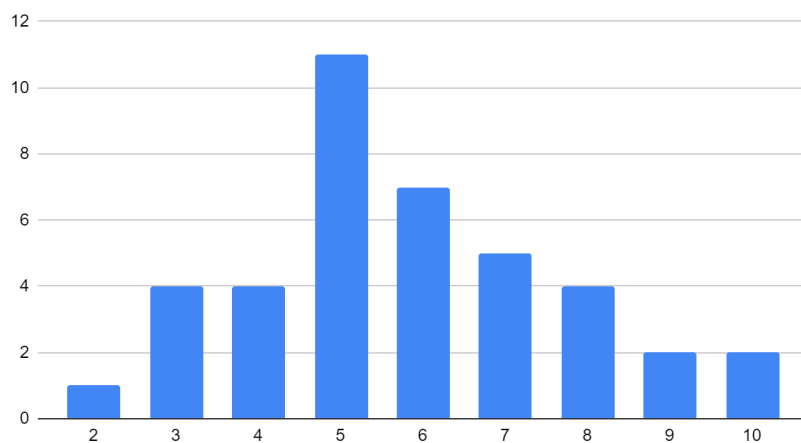
As a result of the Covid-19 pandemic, students around the world from all years went through a new and unique learning experience. Remote learning has been the ultimate alternative to safely provide education to students during this time. It is necessary to be aware of the students' opinions on online learning as it can help to understand if this type of education is effective and liked by the students. This can enable teachers to be aware if there is any need to take action or provide further assistance to their students in order to make online learning a better learning experience.

This investigation aimed to capture the perspectives of students from years 6-10 on online learning through conducting a survey and collecting subjective quantitative discrete data. 40 students from years 6-10 were surveyed for this investigation. Out of this, 6 students were year 6s, 8 were year 7s, 3 year 8's, 19 year 9 responses and 4 year 10s. They were asked to rate 'online learning' a score from 1-10 (1 being the lowest and 10 being the highest). They rated online learning based on their attitude and understanding of it. This data can help in understanding if students like or dislike online learning and can allow us to discover if they find this sort of learning effective or not.

## The results

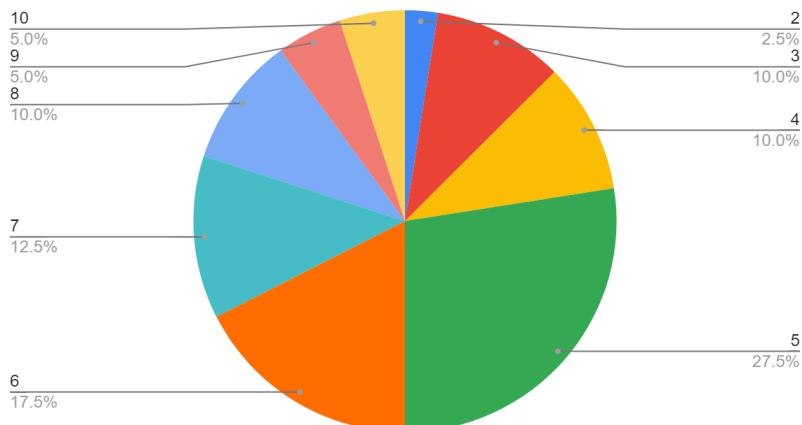
**Graph 1**

Score Frequency on Online Learning Years 6-10

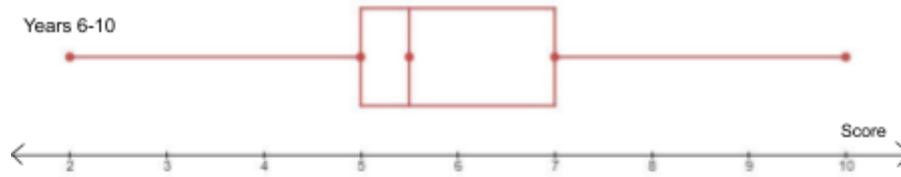


**Graph 2**

Frequency of scores Years 6-10



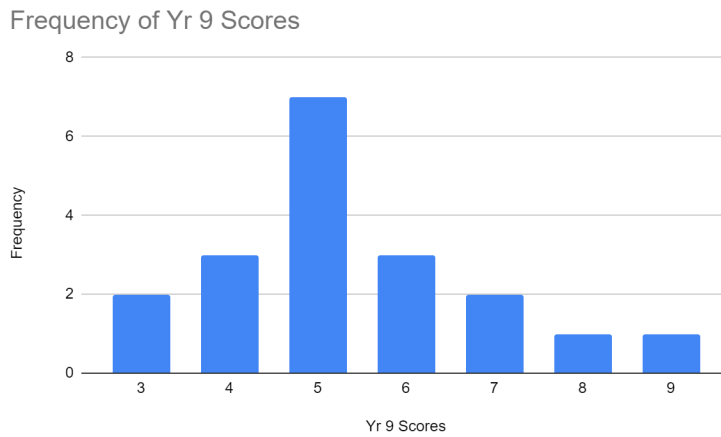
### Graph 3



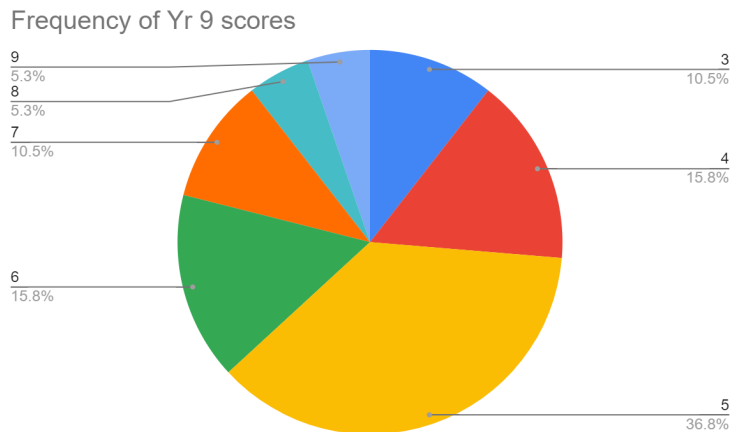
The above results show that over the years 6-10, the majority (27.5%) of the students surveyed rated online learning a score of 5. The mean of this data is 5.8. The lowest score was a 2 and the highest score given was a 10. The median score is 5.5

Since the majority of the students surveyed were year 9s, it is necessary to differentiate and compare the yr 9 scores with the other years' scores.

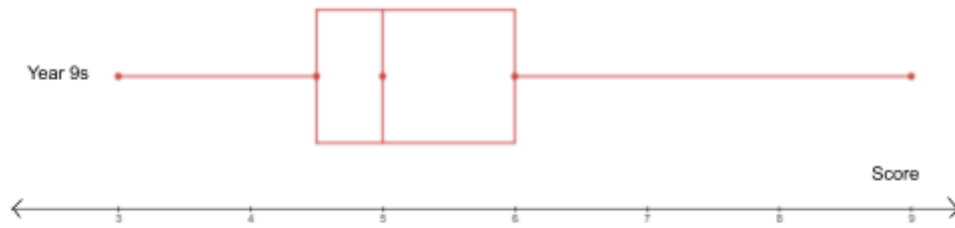
### Graph 4



### Graph 5



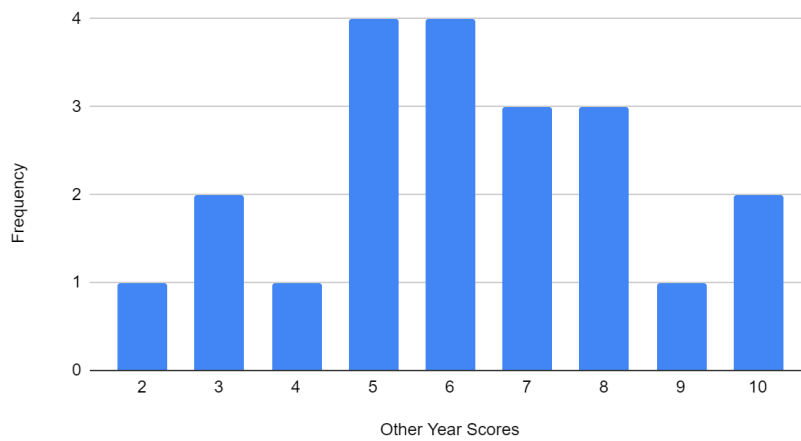
**Graph 6**



The majority of Yr 9s (36.8%) gave online learning a score of 5. The mean of the Year 9 scores is 5.4. The median is 5. The lowest score was 3 and the highest score given was 9.

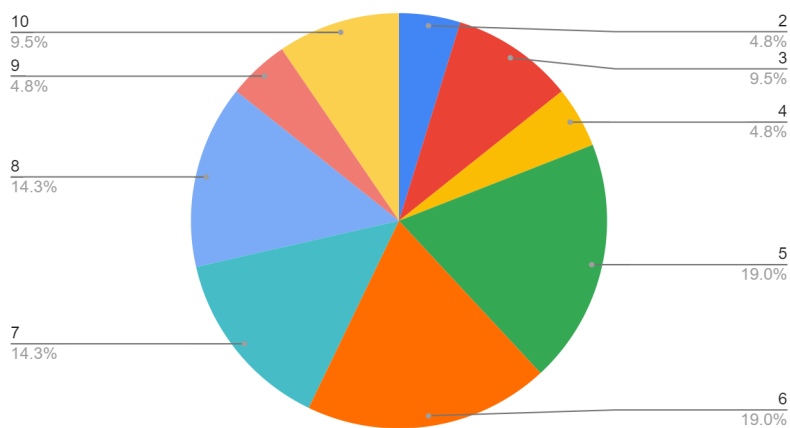
**Graph 7**

Frequency of Other Year's Scores

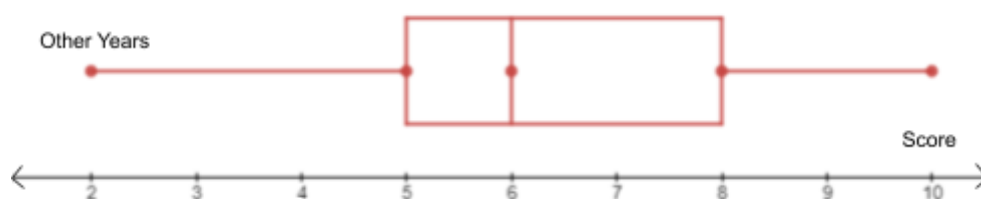


**Graph 8**

Frequency of Other Years' Scores



**Graph 9**



5 and 6 were the most frequent scores given to online learning by other years' students (19% each). The mean of the other years' scores is 6.2. The median is 6. The lowest score was 2 and the highest was 10.

### **Analysis**

Graphs 1, 2 and 3 reveal that the majority of students from years 6-10 (27.5%) out of the 40 students surveyed rate online learning a score of 5. This means that they find it as an average learning experience since 5 falls right in the middle of the 1-10 rating scale. The mean and median of this data were 5.8 and 5.5 which are very close to each other and also are close to the mode. Therefore, we can conclude that students from years 6-10 find online learning mediocre, meaning that they see that it has space for improvement.

Since the majority of students surveyed were year 9s, the scores of years 6-10 were mainly based on year 9 scores. By separating the year 9 data from the total data and comparing these, it is possible to get more information and a detailed understanding. Graphs 4, 5 and 6 highlight that the majority of students (36.8%) of the 19 students surveyed in year 9 rated online learning a score of 5. The mean and median of this data were 5.4 and 5. Since the mean, mode and median are very close to each other, we can summarise that year 9s find online learning as an average learning experience.

The other years' scores and their meanings can be understood from graphs 7, 8 and 9. There was an equal majority vote (19% each) for scores 5 and 6 on online learning. The mean and median of this data is 6.2 and 6. Since these are close to each other and close to the mode, it can be understood that the students from other years also rate online learning as average since the score 6 also falls in the middle of the 1-10 scale.

Overall, it is clear that students from years 6-10 find online learning as an average learning experience. It is also revealed they prefer normal schooling over online learning since they gave their ratings based on the comparison of their experience on learning in school and online.

Further questions that should be researched which are related to this topic are if primary school students have the same opinion as high schoolers on online learning or not and for what reasons does students from years 6-10 find learning in school better than online learning.