

# TECHNOLOGY USAGE AMONG YEAR 8 GIRLS AT XXX

## Introduction

Today in the 21st century, technology has become a prominent part of everyone's lives. With collecting data about the preferences of a group of year 8, we are able to see what apps students prefer, the amount of time they spend on that app and why they use apps.

## Limitations

The number of respondents was less than expected as we only received 28 rather than 30. Another restraint was the time. Due to the responses being anonymous, it is impossible to fully know if anyone repeated the survey, falsifying the data. These aspects restricted the accuracy and reliability of our survey.

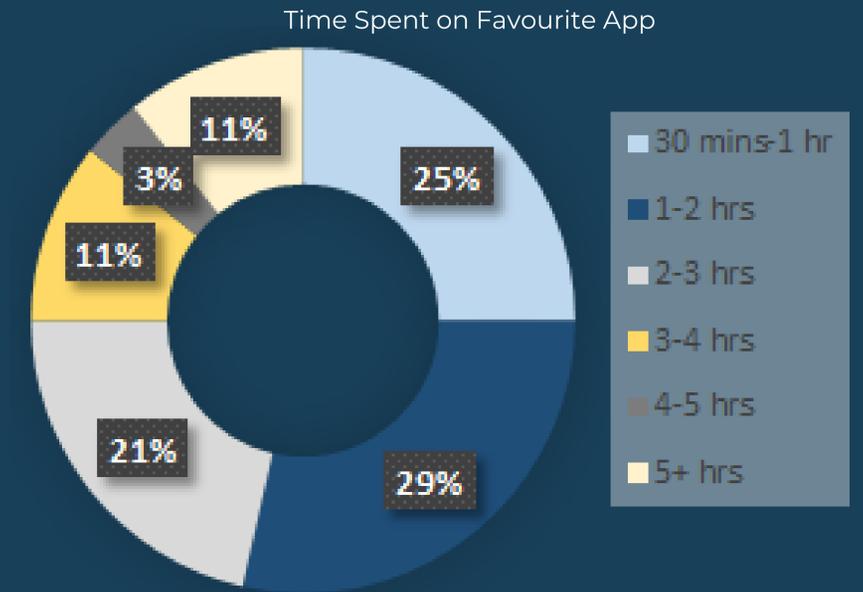
## Hypothesis

We hypothesize that Tiktok would be a popular app due to its entertainment platform design that allows individuals to express themselves. We predict that majority of people would believe in the increase of effectiveness if our education system is shaped like their favourite app.

## Aim/Method

The aim of this survey is to investigate the most commonly used app for Year 8. We found this topic interesting and wanted to investigate further. We used a Google Form to survey a sample of Year 8 students as it was easy to create and provided clear information.

## TIME SPENT ON MOST COMMONLY USED APP



### ANALYSIS

The next set of data that was collected was the duration spent on the certain app. The most common amount of time spent on their most common use app was 1-2 hours, taking around 28.6%. The least common duration was 4-5 hours, only taking up 3.6%. 3 individuals responded, stating that they used the app for a shocking 5+ hours. The mean of the duration spent is 2 hours and 13 minutes. The median and mode were both 1-2 hours. The highest amount of time was 5+ hours, and the lowest being 30 mins-1 hour, making the range 4.25 hours.

### INTERPRETATION

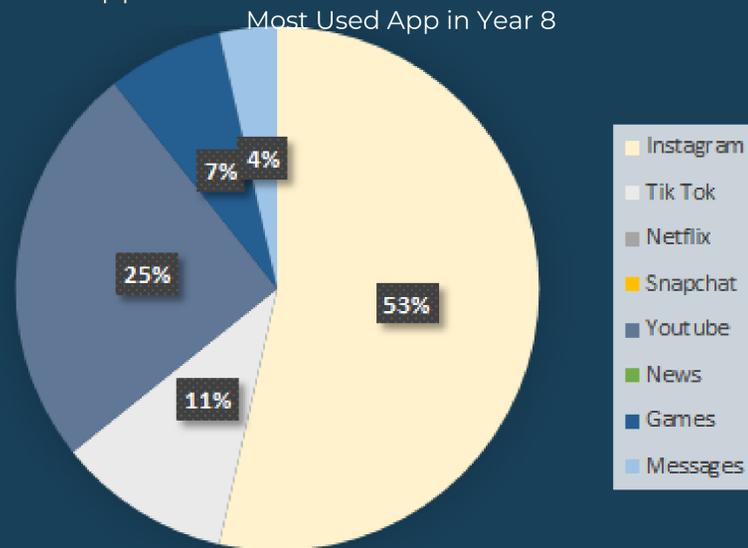
It was thought that most students would spend less than 2 hours on a certain app daily.

## MOST COMMONLY USED APP ANALYSIS

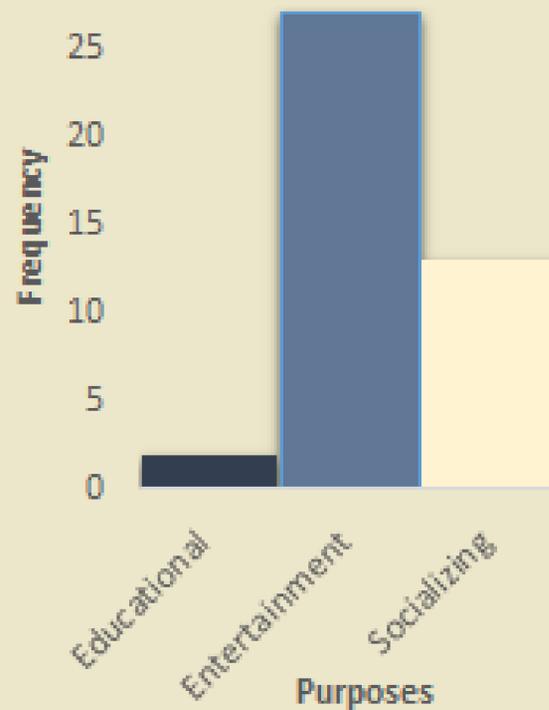
After collecting the data, we began to analyze the most to least commonly used apps. The most common app was the socializing app, Instagram. News, Snapchat, and Netflix received no votes. The mode was Instagram, with a staggering 53.6% for it. The most popular app, Instagram had 15 voters, while the lowest had none, making the range 15.

### INTERPRETATION

The results from our survey contrasted with our hypothesis as we predicted that TikTok would be the most commonly used app. However, our data showed that Instagram was the most commonly used app.



## WHY STUDENTS USE THESE APPS



### ANALYSIS

Our final set of data inquired individuals about the purposes of using apps (able to choose up to 2 options). It was shown that the most popular reason was for Entertainment with an astonishing 96.4% voting for it. The least used purpose was for educational purposes having only 7.1%. The mode was Entertainment purposes with 27 people voting for it. The highest voted reason was Entertainment (27 people), whilst the least was Educational (2) having a range of 25.

### INTERPRETATION

We assumed that most individuals would utilise the app for socialising and entertainment reasons.

### CONCLUSION

By conducting this survey, we can conclude that among Year 8 students, the most commonly used app is Instagram, with 15 out of 28 respondents. We also gained an insight on why and how long individuals spend on apps.

## Ideas for Further Research

In order to further research and have an accurate set of results, we could increase the number of respondents. We could also survey more year 8 students from other schools to notice any trends. By broadening our scope, we could understand technology and app usage from a more detailed perspective. We could also increase the options, meaning we would add more apps, making the results more specific. These ideas can increase the reliability of the survey for further research.