

**Topic** : Ice breaking (Self Introduction)

**Objective** : Student will know more about them self

**Time** : 30 Minutes

: 20 Minutes Discussion

: 10 Minutes Present about their friends (1 min per student)

**Students need to discuss about :**

- \* What is your Laptop brand
- \* What is your Favorite car
- \* What is your parents job
- \* What is your favorite Video game

**For example:** My favourite car is BMW 06 and I like to play badminton. My favorite TV show McGaywer. I like mathematics very much in school. My strength is my time management.

**Topic** : list 5 Difference between Desktop and Laptop

**Objective** : Student will learn about Difference between Desktop and Laptop

<https://www.geeksforgeeks.org/difference-between-desktop-and-laptop/>

**Time** : 30 Minutes

: 15 Minutes Discussion

: 15 Minutes Present about their friends (3 min per student)

Answer : \*

DESKTOP

It needs external devices to be fully functional.

It is large in size.

It can have multiple internal drives.

It is not portable.

It runs only on main power supply.

External keyboard and mouse are necessary to work.

It has more powerful processor.

It has wide range of screen size.

The repairing of desktops is easy work as compared to laptops.

Components of desktop can be easily removed.

The number of data ports are more in desktops.

LAPTOP

It is all-in-one computer system.

While it is small in size.

It can have limited internal drives.

While it is easily portable.

While it can run on battery, AC supply and main power supply too.

Keyboard and mouse are in-built. However external keyboard and mouse also can be used.

It has less powerful processor except gaming laptops.

While the range of screen size in laptops is limited.

While the repairing of laptops is little complex.

Components of laptops are not easily removable.

The number of data ports are less in laptops.

**Topic** : 8 Different types of laptop

**Objective** : Student will learn Different types of laptop

<https://www.choice.com.au/electronics-and-technology/computers/desktop-and-laptop-computers/buying-guides/laptops>

**Time** : 30 Minutes

: 15 Minutes Discussion

: 15 Minutes Present about their friends (3 min per student)

Answer :

Notebook (aka laptop)

Ultraportable

Ultrabook

Chromebook

MacBook

Convertible (2-in-1)

Tablet as a laptop

Netbook

**Topic** : Difference between Entry-level, mid-range or high-end laptop?

**Objective** : Student will learn about Difference between Entry-level, mid-range or high-end laptop?

<https://www.choice.com.au/electronics-and-technology/computers/desktop-and-laptop-computers/buying-guides/laptops>

**Time** : 30 Minutes  
: 15 Minutes Discussion  
: 15 Minutes Present about their friends (3 min per student)

Answer :

### **Entry-level**

If you want a cheap laptop for basic tasks and occasional or lighter use and aren't overly concerned about performance, weight or battery life, you can find sub-\$500 "budget" models that will do the job.

These low-cost laptops are relatively low-powered, but capable of general computing tasks such as web browsing, email and general word processing. They can handle most basic multimedia tasks (e.g. standard definition video streaming) and are best suited to casual users and younger students.

### **Mid-range**

If you want to take your laptop with you on-the-go a lot, you'll want something thin, light and easy to carry. Look for an ultraportable (including Ultrabooks).

Mid-range laptops are aimed at regular computer users, families, students and business people, and can run most software and games, but may struggle a bit with high-end work such as video editing and games that require fast graphics processing.

### **High-end**

If you want something to give you all the power of a desktop computer while being transportable with relative ease, look for a powerful processor and plenty of RAM (including models marketed as gaming machines) which have a powerful graphics card and a high-resolution screen.

High-end laptops are for serious computer enthusiasts and professionals that like to push their systems with intensive computing tasks including editing video and audio, programming, 3D rendering and high-end games.

**Topic** : What to look for in a laptop a new laptop?

**Objective** : Student will learn about what to look for in a laptop a new laptop?

<https://www.choice.com.au/electronics-and-technology/computers/desktop-and-laptop-computers/buying-guides/laptops>

**Time** : 30 Minutes

: 15 Minutes Discussion

: 15 Minutes Present about their friends (3 min per student)

Answer : \* CPU (central processing unit)

\* RAM (random access memory)

\* Screen quality

\* Storage space

\* Cooling

\* Graphics card

\* Power supply

\* Battery life

\* Wi-Fi

\* USB-C connectivity