

My Ideal ✨ Study Environment Assumptions 📄 | Where to Study Productively ✨?

Ken's Study Journey Audio Article 🎧 Script (English)

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<https://www.kenstudyjourney.com/ideal-environment/>

📄 Note

You can report English pronunciation errors in this audio by sending me an email to ken@kenstudyjourney.com

I am a Chinese student, so my English pronunciation may be wrong. Please excuse. This is because I didn't study well in the past, but I overtook others quickly in recent years.

Your email should include the exact time of the error, words/sentences with errors and audio with the correct pronunciation.

Hey guys! This is Ken's Study Journey audio article 🎧. My Ideal ✨ Study Environment Assumptions 📄. How I Built my Study Space 🏠.

I am Ken, a Chinese A Level student. Welcome abroad 🌍 Ken's Study Journey study pathway 📖 and train 🚆, being **productive**, **diligent**, and **active**.

In 2022, I have made some ideal 💡 study environment assumptions 😊 where I can achieve perfect productivity ✨, including WiFi 📶 access, relaxing decorations 🍷🌿 and music 🎧.

Ideal Gas

We have learned Ideal Gas 🧊 in A Level Physics (9702) 📄 and Chemistry (9701) 📄.

My ideal study environment assumptions 💡 are inspired and derived from the Ideal Gas 🧊.








[Play Answer Right Sound]





In Physics, Ideal Gas satisfies the equation $pV=nRT=NkT=\frac{1}{3}Nm\langle c^2 \rangle$ where R is a constant (8.31).




The molecules are perfectly elastic, hard ⚖️, identical and always move randomly 🔄, the volume of which is negligible and there are no ❌ intermolecular forces 🎧.

1. WiFi is Provided (at least 50 Mbps)


My first essential condition of a self-study  environment is to have WiFi access .




If you have access to computers , WiFi  is essential because most tasks  require Internet access , including finding information , sending messages  and using planning apps  like Ken's Study Planner and Notion.


However, slow Internet speed  may lower your productivity , so I recommend having Internet access with minimum speed   50 Mbps (6.25 MiB/s).

I also recommend IPv6  because every computer will have a dedicated  IP address , but this is not essential.



[Play Answer Right Sound]

Now, let's talk about relevant A Level Computer Science (9618)  knowledge: Binary Number System.


We use denary numbers  from 0 to 9, but all things stored on computers  are always the two binary numbers : '0' and '1'.




One byte  has 8 binary numbers/digits (bits). 1 KiB = 1024 bytes = 8192 (1024 * 8) bits, 1 MiB = 1024 KiB, 1 GiB = 1024 MiB, and so on.



8 Mbps (megabits per second) = 1 MiB/s (mebibytes per second), so 50 Mbps = 6.25 MiB/s.



My website server's maximum speed  is 200 Mbps (25 MB/s) similar to 5G networks .

2. Enough Light and Illumination




The second essential condition is enough light and illumination .





We may be energised and motivated  while studying  when the strong light  shines on the desk.

Similarly, in Physics , electrons can absorb energy when it is illuminated  by electromagnetic radiation.







Now, let's talk about relevant A Level Physics (9702)  knowledge: Photoelectric Effect .



Photon is the quantum ('packet')  of energy  in electromagnetic radiation . ($E = mc^2$)





An electron on a metal plate  absorbs energy and can be escaped  when it is illuminated  by electromagnetic radiation.

One of the meanings of my personal logo  (2020-2023) is that there is a light  shining on a book  and a pen .

3. Enough Places to Put Items






The third one is to have enough places  to put your items like books , pencil case , laptop , iPad , and bag .

If the place is too narrow , it may lower your productivity .



At home , I put the main study items  at the centre of the desk and other items  aside like on the bookshelf .

4. Electronic Devices are Allowed



The next one is to allow  electronic devices  while studying , but this may not  be suitable for some students .

If you are a university  or senior high  student making EPQ and research , preparing for international exams  and competitions , this requirement may be necessary.

5. Suitable Desk Height and Wide Desk

You need a suitable height and width on your desk  to study  comfortably.

6. Comfortable Chair/Sofa

As well as a comfortable desk, you also need a comfortable chair  or sofa  to make sure you can sit properly while studying.

7. Has Charging Ports

In some cases while using an iPad or laptop , you may also need charging  ports  so you can study continuously.

This is usually achievable in cafés , libraries  and homes .

8. Food and Drinks are Allowed

You may also need to eat 🍌 or drink 🥤 while studying to be energised ✨.

For example, you can drink coffee in café ☕ to boost your energy.

However, in order to make a clean ✨ environment, this may be unachievable ❌ in some libraries, depending on their rules 📄.

9. Quiet (less than 70 decibels)

As students 🎓 often experience, noise 🔊 in a study environment can be distracting 😞, so the study place needs to be quiet 🤫 to get rid of distractions 🔔.

In Physics, we measure the sound 🔊 level in decibels (dB), so I set it to mostly 70 dB, but you can adjust 📱 according to your needs.

10. Zero Distraction, Boredom and Tiredness

In ideal gas, molecules 🧪 have zero attractive forces 🌀 so the potential energy is zero. The time ⌚ of collision and the volume 📦 of a molecule are negligible.

Similarly, in my ideal study environment, you will never be distracted 🔔, feel bored or tired zZ, so you will focus 🌙 on your study tasks 📖.

This may be nearly achieved ✅ by enabling Focus Mode 🌙, reducing noise nearby 🔊 and having inspirational items 💡.

[Play Answer Right Sound]

Now, let's talk about relevant A Level Physics (9702) 🧪 knowledge: Internal Energy

The internal energy is the sum of kinetic energy and potential energy of all molecules due to their random 🔄 distribution.

In ideal gas, zero attractive forces ⬅️ means zero potential energy, so the internal energy 🧪 equals to the total kinetic energy 🌬️.




11. Versatile Decorations





The next thing is versatile decorations 🌈🌿 which can make the environment aesthetic.

This can be different types of items, such as fairy light strings ✨, rattans 🌿, colourful blocks 🇧🇷, flower pots 🌱, posters 🖼️, and so on.





If you feel bored or tired zZ, you can look at them to find inspirations 💡.




12. Can Stay for a Long Time




Some study tasks are continuous , such as computer programming  and solving a long problem .

So, you may need to be able  to stay for a long time , like cafés  and libraries .

13. Relaxing Music



As well as the decorations  , you also need relaxing music   in the environment.

This can help you avoid distractions  while focusing on your tasks  and not watching  elsewhere.





If there is no  music provided, you can listen to your music with a headphone . For example, you can search  and listen to "Café music" on the Internet .




14. No Need to Purchase Items to Stay Here


In some places like café  and restaurant , you may need to purchase  food and drink to stay here.

Although this condition may not  be strictly necessary, it is recommended  and you can always enjoy and use the environment easier.


15. Has Clocks/Timers

While you are studying , you need to know the time  to make sure you have a good  productivity .

This can help you know the time left  if you are accidentally distracted. If the time is almost run out, you will be mindful  about your tasks .

I also recommend using a timer  and/or Pomodoro technique (I use 45/15 minutes) if necessary.

16. Has Peer Pressure

At home  or when we study alone , we may feel bored  or lack motivation .

So, we can be motivated  if at least 1 other person  is studying nearby.

This assumption also satisfies  if there is only a staff and yourself.

But please note that if the peers are distracting, like playing games 🎮 instead of studying, it may lower 📉 your productivity.

Conclusion

1. WiFi 📶 is Provided (Minimum Speed 📶: 50 Mbps (6.25 MB/s))
 2. Enough Lights 💡 and Illumination
 3. Enough Places 📦 to Put Items
 4. Electronic Devices 🖥️ are Allowed ✅
 5. Suitable Desk Height 📏 and Wide Desk
 6. Comfortable Chair/Sofa 🪑
 7. Has Charging 🔌 Ports 📱
 8. Food 🍷 and Drinks ☕ are Allowed
 9. Quiet 🤫 (less than 70 dB)
 10. Zero Distraction 🚫, Boredom and Tiredness 😴
 11. Versatile Decorations 🌿
 12. Can Stay for a Long Time ⌚
 13. Relaxing Music 🎵 🎧
 14. No Need to Purchase 🛒 Items to Stay Here
 15. Has Clocks 🕒 and/or Timers ⌚
 16. Has Peer Pressure 🗣️
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These are the assumptions of my Ideal 💡 Study Environment. Hope you can boost your efficiency ✨ and enjoy your study space 📖.

Thanks for listening and following my study journey! You can share and recommend this article to your friends and classmates if you wish.

If you want to learn more about my study tips and get some useful resources, please go to my website kenstudyjourney.com (Ken Study Journey dot com). You can also subscribe to my email newsletter on my website.

See you in the next article. Bye!