

About Support Devices



**At Hokkaido University,
there are various support devices
to help students have better
learning experiences.**

- **The devices introduced here are only some of the support devices we have in the Accessibility Services Office.**
- **Please contact the Student Advice and Counseling Center in advance if you would like to use or check out our support devices.**

Color Films(reading focus card)



Recommended for people with Irlen Syndrome or who find characters or letters difficult to read.

Irlen Syndrome is a perceptual disorder where people become very sensitive to light. The symptoms include feeling blinded by light, having trouble seeing characters clearly, and tired eyes.

For people who have difficulties with print and reading as well as who get easily tired from looking at print.

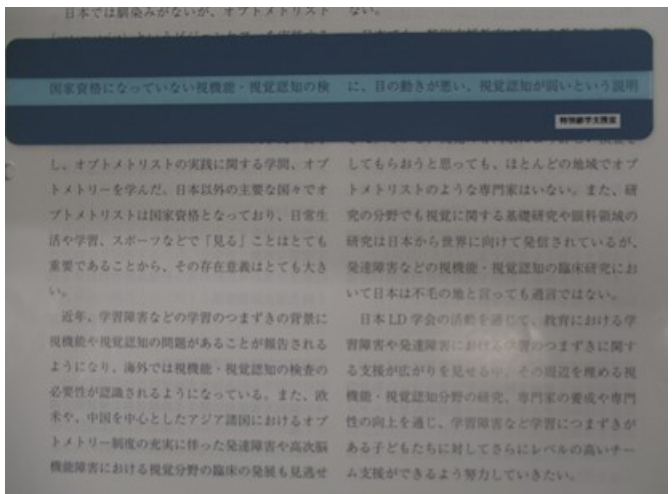
Some people say films with a color suitable for them helps them read better.



There are 7 colors.



Let's find your color!



Magnifying Glasses for Reading



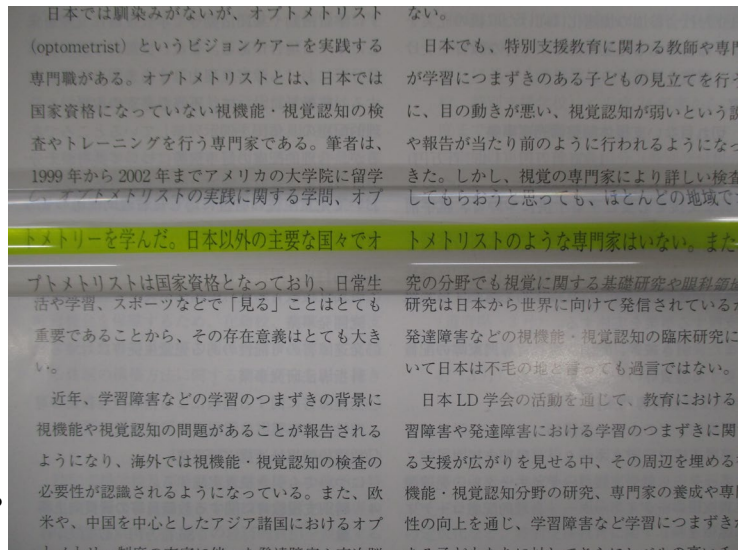
For those who find it difficult to read.

These can help you by magnifying small characters or letters so that you don't skip characters or words accidentally. By laying the color band in the center of sentences, you can read line by line.

There are multiple color variations, so you can choose a color which best suits you for reading.



We have glasses that support paper sizes of A5 (150mm), A4 (210mm) in the Accessibility Services Office.



It has 2-fold magnification ratio.

Handheld Magnifying Glasses



For those who find it difficult to read.

The magnification ratio is 3.5 fold. With the special standard which is called “Mobase,” it can stand up on its own and become a standing magnifying glass. An LED light is also attached for you to light up your reading materials. It is light and easy to hold, so it is very convenient to carry around.



Magnifying Reading Devices



For those who find characters or letters too small to read.

If your vision is impaired or you have difficulty in reading characters or letters on printed reading materials, you can magnify them using this device and read with more comfort.



Scanners



For those who find it difficult to read small characters or letters on printed materials.

Scanners read and convert printed materials to PDFs or images for you to browse on your PC. You can read at your optimal magnification.



Thick books are scanned while pressed down.

Book Stands



For those who find it difficult to read materials are placed flat on a desk.

You can adjust and fix the stand angle at the best angle for you. It will help prevent tiredness around your neck, and it allows you to use both hands freely.



IC Recorders



For people who have difficulty taking notes.

These can be used if you are unable to write down what you hear. It is very important that you ask the speaker for their permission before you use these devices .



Noise Cancelling Headphones



For people who have hyperacusis.

These can be used when you can't concentrate during your class due to the interference of surrounding sounds. If you use these, you will be able to focus on your classes without any bothersome sounds, such as air conditioning .



Earmuffs



For people who have hyperacusis.

These can be used if you can't concentrate during your classes because of the interference of surrounding sounds. These blocking annoying or bothersome sounds.



White Noise Machine



For people who have better learning experiences when a certain amount of background sound/noise is artificially provided.

This machine can provide not only different kinds of fan sounds but also natural sounds such as sounds of waves and waterfalls. It is known to be effective for people who easily lose their focus due to noises in their surroundings or for people who have better learning experiences when a certain amount of background sound/noise is artificially provided.



Time Logs(timer)



For people who have trouble managing their time because they get too involved in tasks.

These can be used when you can't stop playing games and you promise yourself you are going to stop in 5 minutes but keep playing, or when you take a break between tasks, the remaining time is shown with a blinking LED light for visual notification and alarm will let you know by sound.



Please set your time here.



It is easy to know how much time you have.

FM Hearing Aid Systems



For people who have hearing impairments.

In a classroom where the speaker is far from the listeners or in a place with ambient noise, it may be difficult for listeners to hear and understand even with hearing aids or cochlear implants. With FM hearing aid systems, the voice of the speaker will be input to the transmitter (microphone) of the speaker and received by the listener's receiver in order to assist their listening. The system consists of a transmitter and receiver, and there are multiple types of transmitters.



Transmitters include Roger pens, touch screen microphones: you can select small group mode and interview mode.



Speech Recognition Systems



For those who have hearing impairments.

If it is difficult to hear even if you are using a hearing aid or a cochlear implant, the voice of the speaker is received by a microphone and then converted to text using voice recognition software.

Connection example: receiver, conversion plug, audio cable, conversion plug, Interface (iRig2), display terminal.



Mirai Speaker



For those who find it hard to hear when videos are shown in class.

Sometimes it might be hard to hear at normal volume, and you need to make the sound louder. The Mirai speaker has a clear sound that reaches far, so even students who find it hard to hear will not need to raise the volume more than necessary. Any sound device with an earphone jack can be connected to the Mirai speaker. For example, it can be used for audio playback on a PC.



Boogie Boards



For writing.

This is an electronic memo pad. It can be used instead of paper for taking notes and for written conversations. It is light and thin, so it is very convenient to carry around. Also, writing on it is smooth so it is very easy to use. You can immediately erase what you wrote with one button.



Simple Stretcher (chair type) Rescue Belt



Simple stretcher in case of an accident.

The stretcher is in a shape of chair and is light enough to be used on stairs or in narrow spaces.

