

Alexander Heimann | Helene-Lange-Gymnasium | Fürth | Germany

A Digital Journey through the Hearing Process - Learning to Learn Independently

This learning unit promotes self-regulated learning and gives students the freedom to work independently and at their own pace. This allows them to take on more responsibility for their own learning process. The teacher acts as a learning guide, providing impulses and offering support. This allows the students to take on more responsibility for their own learning process.

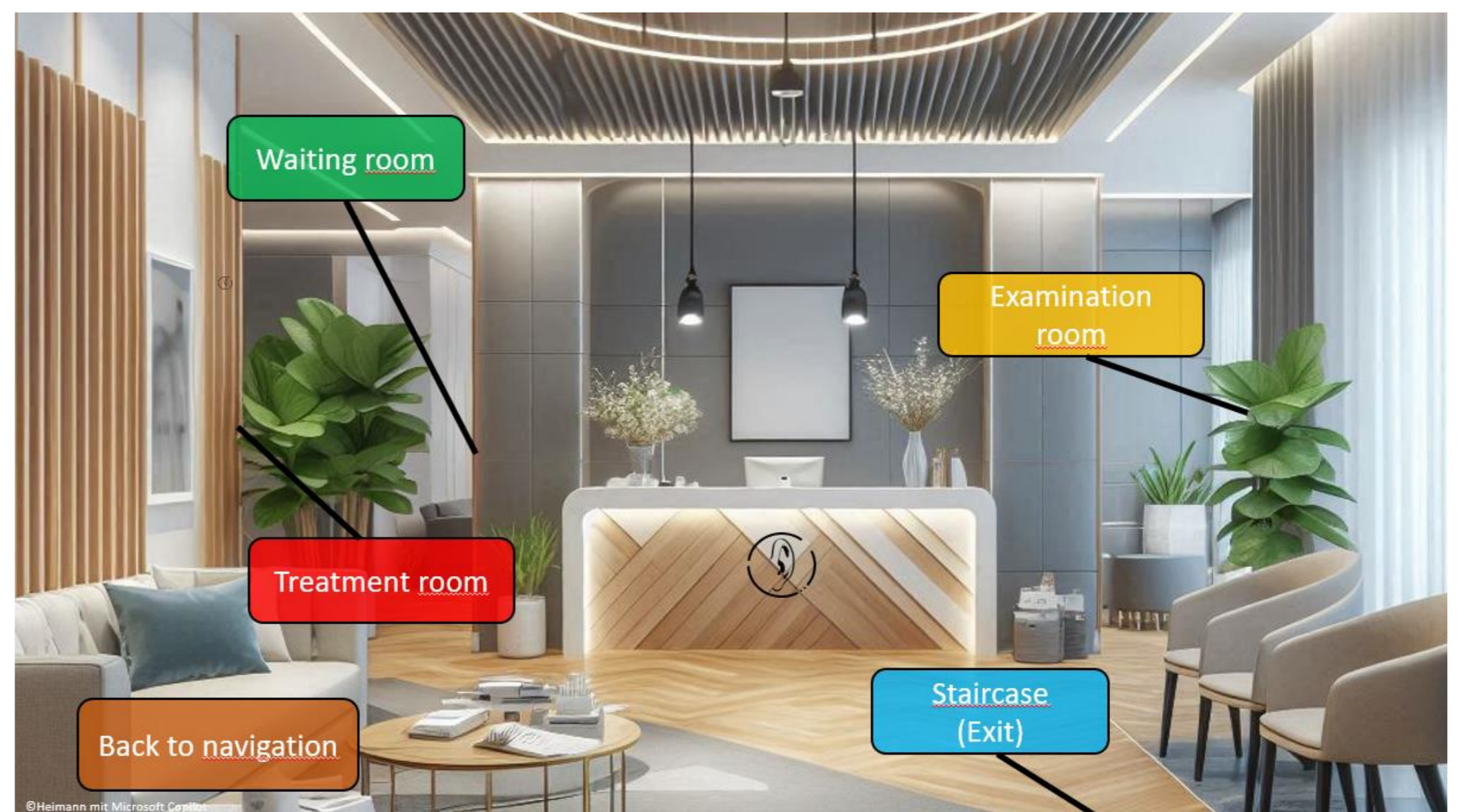


Abb.1: Ausschnitt aus der Lernumgebung © Heimann mit Microsoft Copilot



Abb.2: Materials needed for the experiments © Heimann mit Microsoft Copilot

In this curriculum corresponding learning unit, students explore the topic of hearing through a digital story about a supposed case of sudden hearing loss.

Using learning videos and interactive exercises, students derive the basic principles of the hearing process and develop measures to prevent hearing damage.

Try it out
here!

Conclusion:

- Greater willingness to learn due to high levels of independent activity and personal responsibility
- Varied learning through the use of digital devices and live experiments
- Teachers act as learning guides