Meet Educase.

An educational learning tool
for children with visual and hearing disabilities

One of the basic needs of children is to **experience, discover and learn**, but there are many children who, due to their visual or hearing impairments, are unfairly unable to fully do so.

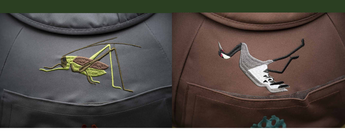
With a clear goal to teach children with visual and hearing impairments to truly feel what the nature surrounding us has to offer, we decided to design **a hemispherical case** that contains a set of elements found in nature.

Educase designs are environment-based.

Forest

Beach

Bog



Let's look inside the Educase.

Scent jars

The scent jars are filled with distinctsmelling plants and marked with a tactile sticker.

Eggs

Replicas of bird eggs, marked with a tactile sticker.

Sound device

Just connect the speaker to a phone and scan the QRcode on the picture card to play the sound.

Pelt fragments

A variety of pelts, marked with a tactile sticker.

Manual

For exercises and ways to pass on knowledge.

Tracks

Life-size animal tracks, marked with a tactile sticker.

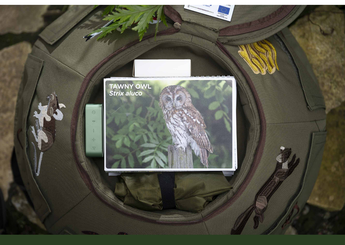
Picture cards

Picture card

Tactile 3D print

The image on the picture cards both is visual and has raised contours. The Estonian and Latin name of the object depicted on the picture is written in ordinary letters and in Braille in the top left corner of the card.

The back of the picture card contains simplified facts (in ordinary letters) about the image depicted. It also includes a QR-code with information in sign language as well as information relating to nature sounds.



The contents of the case have been created in collaboration with nature specialist, who traveled through three selected environments and compiled an overview of the plants, soils and animals actually found in Estonian nature.

Educase