

# Apple workshops for visually impaired children

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Magnus Trouw is responsible for Healthcare at Apple. **The future of healthcare** is in your hands. Healthcare providers can deliver the best care when they have powerful, intuitive tools. Our technology helps them work effectively within hospitals, connect remotely with patients, and conduct groundbreaking medical research. The result is care that becomes more efficient, more personalized, and ultimately more human. Within our vision on healthcare we believe that technology should be **accessible to everyone**. The most powerful technology in the world is technology that everyone, including people with disabilities, can use. To work, create, communicate, stay in shape, and be entertained. So we don't design products for some people or even most people. We design them for every single person.



## Outline four workshops

Visually impaired children will not always receive the treatment they require. In less developed countries treatment of cornea, congenital cataract, vitreous and retina is not always possible or too expensive. Even glasses are not always prescribed when necessary. Some children cannot be cured because they have a congenital retinal anomaly. Even if medical treatment is available, we have to realize that for some children medical treatment cannot be organized, while they may have access to electronic devices. If, for whatever reason, no treatment can be offered, children are visually impaired and will stay visually impaired for the rest of their life. Participation in society is hard for those who cannot join our visual world of smartphones and tablets. We will present methods and tools that can be found in all iPhones and iPads and we will instruct rehabilitation workers to find these tools and use them to instruct children in different stages of life.

### Session 1

2-6 Years old; Stimulation of fine motor skills in young visually impaired children using an iPad.

### Session 2

6-10 Years old; iPad in school: Built-in tools for visually impaired children (e.g. Time-schedule, Tests and Training)

**Session 3**

10-14 Years old; coping for visually impaired children: social media and school. iOS tools to fully participate in social networks.

**Session 4**

14-18 Years old; time management and career for visually impaired children. How to seamlessly blend in with co-students and colleagues using iPhone and iPad.