

# Large Print Guide

Section Three

## Living



**Design and Disability**

## Section Three

### Living

3.01

How could the design of our cities better allow people to live together and thrive?

The social model of disability proposes that it is the political, environmental and behavioural barriers in society that disable people. Unlike disabilities, these barriers are problems that can be solved, often in ways that improve life for everyone in society. When those responsible for developing our cities make assumptions about who can occupy certain spaces and why, the world becomes a place to negotiate, rather than live in. Through design in its many forms, Disabled people are claiming space and imagining the worlds that they want because ultimately, what good is the city if it doesn't work for the people who live there?

From buildings themselves, designed to meet a range of access needs, to inclusions like ramps, accessible buttons and low counters, which can improve existing infrastructure, public space should be open to all. These projects explore ways of designing, occupying spaces and demanding change from many different angles, scales and perspectives. The designers, artists and makers included here investigate the creative strategies used by Disabled people to imagine and achieve better possibilities for unlocking access and facilitating independent movement, that goes far beyond statutory compliance.

3.03

## Block Party: From Independent Living to Disability Communalism

In 2022, Block Party, a group of disabled and non-disabled architects, artists and authors proposed a bold, disability-first, urban intervention, focusing on one block on Prince Street in South Berkeley, California. The block is itself a site of significant disability history as amongst other things, the birthplace of the Centre for Independent Living. Through a creative reimagining of public and private space, Block Party subverts codes and regulations to support 'communal flourishing'.

Please touch the tactile model!

Irene Cheng, David Gissen, Brett Snyder,  
Georgina Kliege, Chip Lord, Jerrod Herman  
2022

Models: Plastic, paper, wood

Mural: paper (reproduction, printed 2025)

United States of America

# Unlimited Cards for Inclusion

3.04

This simple card game was designed to help arts organisations plan accessible events. There are three sets of cards – ‘What?’ which gives an activity, ‘Where?’ to address a typical environment, and ‘Barrier?’ to highlight specific access challenges. Players choose one of each and come together to find possible solutions collectively through conversation, rejecting the idea that accessibility is something that should be left to experts.

There is a set of Cards for Inclusion for playing in the resources section at the end of the exhibition!

Produced by Unlimited,  
Illustrated by Seo Hye Lee  
2018

Paper, card (reproduction, printed 2025)  
United Kingdom



3.05

## **SEALAB – School for Blind and Visually Impaired Children**

Designed with sensory navigation in mind this school uses texture across each wall, read by touch, to indicate the changing nature of a room.

Students can also use sound to get around, using echoes to tell them when a corridor comes to an end.

Smells from an aromatic courtyard draw students outside. Light and contrast is also considered, as pops of colour mark thresholds. The SEALAB team actively involved students and teachers from the outset, using tactile 3D prototypes to imagine the future of the school.

Please touch the tactile model and tiles!

Meeting with Students, 2018  
(On wall, top)

School Entrance, 2021  
(On wall, bottom)

Photographs by Dhruvad Shukla  
(reproductions, printed 2025)

Tactile Plan, 2021  
(On display surface, top)

Code of Textures, 2018  
(On display surface, bottom)

Left to right: corridor, junction, garden,  
courtyard, stage, outside

3D-printed plastic

Printed in London, UK; made in 2025

Gujarat, India

© SEALAB

## 3.06

# Horatio's Garden London and South East

Horatio's Garden blooms at the heart of an NHS spinal injury centre. For people with this kind of injury, rehabilitation is often a medicalised and prescriptive process. But the positive impact of nature is increasingly being understood as a critical part of the healing journey. In the garden, plants like hellebores and mimosa have been thoughtfully selected to give colour and scent all year round contrasting with the clinical indoor spaces of the wards.

From left to right:  
pressed flowers – hellebores (for colour);  
epimedium (for sound); mimosa (for scent);  
heuchera (for touch); parsley (for taste)  
Designed by Tom Stuart-Smith  
Photography by Eva Nemeth  
2021 (reproduction, printed 2025)

## 3.07

# Deaf Architecture Front and Signstrokes

As Adolfs Kristapsons and Chris Laing approached the final stage of qualifying as architects, finding agreed terms for architectural words in British Sign Language (their native language) proved a barrier. The pair worked with University College London and Frank Barnes School to create Signstrokes, a new set of BSL vocabulary for architecture terminology. Deaf Architecture Front, founded by Laing, aims to further advocate for a bridge between the Deaf community and architectural industry. Much of their work highlights the significant gap in Deaf representation in the field.

## Signstrokes GIFs

Jayden Ali (Project Coordinator), Adolfs Kristapsons (Project Lead), Chris Laing (Project Lead), Sevinc Kisacik (Consultant), Milly Wood (Consultant), Dr Kate Rowley / DCAL (Consultant), Marcos Villalba (Graphic Designer), Martin Glover (Contributor), Haworth Tompkins (Knowledge Exchange Partner), UAL / CSM (Knowledge Exchange Partner), Frank Barnes School (Knowledge Exchange Partner)  
2021

United Kingdom

Running time: approximately 1 minute

2025

United Kingdom

Paper on dibond

Deaf Space diagram (Illustrator)

Project Lead: Chris Laing

Illustration: Andrew Baillie

Courtesy of Chris Laing with illustration by Andrew Baillie



3.08

## Access All Areas

How do we encourage others to make access a priority? Sisters Against Disablement, a Black and Asian feminist group, created the SAD Access code in 1985. This early guide pushed for venues to be made more open and accessible for disabled participation. Wearable approaches like Transport for London's 'Please Offer Me a Seat' badge, or the Hidden Disabilities Sunflower logo let users voluntarily share that they have a disability that might not be obvious. However, progress in both institutional and personal mindsets remain to be seen.

Please take a lanyard if it would be helpful for you!

SAD Access code  
Sisters Against Disablement  
1985  
Paper (reproduction, printed 2025)  
London, United Kingdom  
Courtesy of Bishop's Gate Archive

'Please Offer Me a Seat' badge  
Transport for London  
2017  
Plastic, metal  
United Kingdom

Sunflower lanyard  
Hidden Disabilities Sunflower Scheme  
2016  
Cotton, plastic, metal  
United Kingdom

3.09

## Tactile Paving Slab

Urban environments are often difficult for disabled people to navigate and tactile interventions can help. Inspired by Braille, in 1965, Japanese engineer and inventor, Seiichi Miyake, developed the tactile paving slab or 'Tenji brick', allowing Blind people and those with low vision to feel for the edge of train platforms and roads. Navigational aids like this are important but can often be misused as decorative touches in urban design, confusing those who use them to orientate themselves.

Seiichi Miyake

About 1965 (designed), 2016 (manufactured)

Polyurethane

Japan

Given by Rupert Faulkner

V&A: CD.154-2016eu

## 3.10

# Public (In)convenience

In the 1960s, the architect Selwyn Goldsmith wrote an updated version of *Designing for the Disabled* after visiting Norwich and speaking to disabled residents there. This architectural planning manual shared the impact on disabled people caused by the lack of access to public facilities – especially toilets. This remains true today, as public provisions remain inadequate. But there are increasingly initiatives working to improve this. Changing Places calls for toilets to have features to meet varied access needs, while Radar Keys offer disabled people independent access to locked public toilets

Designing for the Disabled

Selwyn Goldsmith

1967

Paper

United Kingdom

Radar Key

Disability and Rehabilitation (Radar) / Disability

Rights UK and Nicholls & Clarke

1981

Metal

United Kingdom

Map showing the network of Changing Places  
toilets in Dundee

PAMIS, MDUK and Changing Places

Ongoing project

Screenshot on paper, printed 2026

United Kingdom

For more information please visit:

[changing-places.org](http://changing-places.org)

V&A Dundee Changing Places toilet

Paper, printed 2026

Dundee, United Kingdom



## 3.11

# *Slope: Intercept*

Artist and engineer Sara Hendren explores the idea that the simple ramp could be used for two distinct but complementary purposes. With *Slope: Intercept*, Hendren has designed a series of modular ramps for both wheelchair users and skateboarders in Boston and New York. She envisages the ramp as a shared creative and social space as well as a practical point of access – a machine for experimentation and a way to open up the world.

Sara Hendren

2013 – ongoing

Ply

United States of America

Assembled in London, UK; made in 2025



Ascending on Hendren's ramp, a wheelchair user changes a single-step entrance into an accessible passage;  
(below) using two of Hendren's ramps, a skateboarder alights on a vertical wall, transforming the surface.

Photographer: Justin Knight

## 3.12

# 504 Sit-ins

The 1977 '504 Sit-ins' were a pivotal protest moment in the American Disability Rights movement. In San Francisco, around 120 Disabled activists occupied the Department of Health, Education and Welfare (H.E.W.) offices for 25 days. They forced the government to sign disability rights into law, namely the 'Section 504' legislation that granted greater access to education, transport and infrastructure. Many groups came together to support this action, including the local branch of the Black Panther Party. Brad Lomax, a member of the Black Panthers and a disability rights leader, encouraged the Panthers to offer public solidarity and practical support.

'Handicapped Win Demands  
– H.E.W. Occupation'  
The Black Panther Party newspaper  
7 May, 1977  
Paper (reproduction, printed 2025)  
United States of America

Section '504 Sit-in' photograph  
Jim Palmer  
1977  
Paper (reproduction, printed 2025)  
AP Photo/JP  
United States of America

## 3.13

# Curb Cut Protests, Denver

Curb cuts are sloped ramps between pavements and roads. They are common in many cities today, but this wasn't always the case. In the 1970s and 80s, protests were staged in Denver and other American cities, demanding inclusive urban design. Some demonstrators smashed curbs with sledgehammers to build their own ramps. These actions pushed forward disability rights, influencing the passing of the Americans with Disabilities Act in 1990.

John Sunderland for The Denver Post  
1980

Paper (reproduction, printed 2025)

United States of America

Photo by John Sunderland/The Denver  
Post via Getty Images, July 1980

# Accessible Transport Protests, Across the UK

3.14

When the city isn't working for its people, action is sometimes necessary to bring about change. In the mid 1990s, hundreds of protests were organised across the UK to highlight insufficient transport provisions for Disabled people. The demonstration was part of a strategy of direct action by the British Disability Rights movement across the UK. Protesters from organisations such as Disabled People's Direct Action Network (DAN) and The Campaign for Accessible Transport (CAT) blocked traffic and buses to protest against inaccessible infrastructure and transport.

1994

Paper (reproduction, printed 2025)

United Kingdom

The Disabled People's Archive,

Greater Manchester Coalition of

Disabled People

## 3.15

# Yokohama Bus Routes Protests, Kawasaki

Today, Japan's buses are some of the most accessible in the world and this was made possible by members of *Aoi Shiba* ('Green Grass'), a group formed by people with cerebral palsy. In 1977, the group staged a series of protests in Yokohama, where they lay down, blocking buses at Kawasaki station, to draw attention to the exclusion and poor treatment of wheelchair users on public transport. *Aoi Shiba* continued to negotiate with political parties for over 20 years to improve accessibility.

The Asahi Shimbun newspaper  
12 April, 1977  
Paper (reproduction, printed 2025)  
Japan  
Photo by The Asahi Shimbun  
via Getty Images

# Anti-Stairs Club Lounge Protest

3.16

In 2019, Finnegan Shannon staged the Anti-Stairs Club Lounge protest in response to designer Thomas Heatherwick's 16-storey installation, *Vessel*. Costing \$150 million, the structure in New York City is made up of 2,500 interconnected steps. Shannon challenged the building's inaccessibility, staging a protest at its base with petitions calling for a permanent Anti-Stairs Club Lounge with the same investment.

Anti-Stairs Club Lounge (*Vessel*) hat, petition  
and cushion

Finnegan Shannon  
2019

Wool, paper, cotton, acrylic

United States of America

Courtesy of the artist and Deborah Schamoni

Many disabilities around the world are brought on by external economic and political factors, such as capitalism, wars or colonial occupation, that disable people over time and geographies. The writer and academic Jasbir Puar calls this concept 'debility'. An example of debility might be how someone's race or where they live reduce their access to healthcare. The projects in this section acknowledge that disability rights and activism are themselves not always accessible to everyone.



## iPhone 6

Today, smartphones are essential for disabled and non-disabled people alike. iPhones have unique access features that transform the lives of many disabled people, like Text-to-Speech, which reads on-screen content out loud, and VoiceOver, which gives audio descriptions. Though Apple is attempting to reassess its supply chains, material like gold tantalum and cobalt, that go into iPhones rely on resource extraction and labour exploitation, which disable and debilitate people on a massive scale. In a more equitable world, technology that provides accessibility and freedom to some should be made without abusing and exploiting others.

Apple Inc.

2014

Designed in United States of America,  
made in China

# Fingertip Pulse oximeter

3.19

Pulse oximeters test the rate of your heartbeat, and the levels of oxygen in your blood. The simple device became well-used during the Covid-19 Pandemic, helping with the early detection of potentially fatal respiratory conditions. But in 2021, research revealed that the light-emitting device was less accurate when used on darker skin tones, underlining how important it is to be aware of racial bias in the development of medical devices.

aCurio  
2021  
Plastic and electronic parts  
China  
V&A: CD.2-2022

3.20

## Jaipur Foot Project

The Jaipur Foot Project makes free prosthetic legs, feet and arms for millions of people across India, many of whom were disabled by landmines, war, illnesses like polio, or railway accidents. Each rubber-based prosthetic costs around £80 to make and is water-resistant and sturdy, with parts that are cheap and easy to replace. Designs allow for squatting, sitting cross-legged, and going barefoot – all common practices in Indian society – and skilled technicians can fit and assemble a lower limb prosthetic in a matter of days.

Photographs by Simon Way  
2014 (reproduction, printed 2025)  
India



3.21

## Gaza Sunbirds

In 2018 the competitive cyclist Alaa al-Dali was shot by an Israeli sniper in Gaza. His leg was amputated, but after months of recovery, he co-created the Gaza Sunbirds, a para-cycling team. Since 2023 the Sunbirds have also distributed food and aid across the region. The team's access to cycling kit and bike adaptations has been compromised by extreme circumstances, with their ability to enter international competitions like the Paralympics affected by relentless assaults on Gaza. Alaa's bike was the only item he brought with him when he left Gaza.

Alaa's bike; Alaa's bike adaption; Gaza Sunbirds jersey

Jersey and bike stickers designed by Karim Ali; leg support designed by Alessandro Antonio Taverna, 'Cicli Vetta' di Padova  
Date unknown

Leg support: welded steel pipes and repurposed arm rest; Alaa's Bike: Giant carbon disc wheel system, carbon fibre frame and SL-Grade composite fork, metal gears and chain, plastic brake wires, rubber handles and seat, metal spokes

Palestine  
Gaza Sunbirds

## A Space for Joy

3.22

Solidarity comes from mutual kinship, especially when society underestimates you. In the examples across this section, the coming together of disabled-led art, design and political action creates the opportunity for change, and, perhaps more importantly, joy. For others, finding a collective where you belong can mean new creative possibilities and movements. These spaces, places and groups imagine futures in which Disabled people could thrive, if only society followed their example.

## 3.23

# Crip Camp: A Disability Revolution

Located close to Woodstock in upstate New York and sharing its counterculture values, Camp Jened was a summer camp for disabled teenagers in the 1970s. Affectionately nicknamed 'Crip Camp' by the teens, its laid-back environment offered the campers a chance to be themselves, away from their parents, their rigid medical treatments, and the stigma of society. Free to debate and confront how their societal needs were being ignored, the experience became a powder keg of disability activism, with many members, like camp counsellor Judy Heumann, going on to demand political change.

Crip Camp

Director: Jim Le Brecht and Sara Bolder

2020

United States of America

Courtesy of Netflix

Running time: approximately 12 minutes

## Benches from 'The Clearing', Theaterformen

3.24

For Deaf people, communication often requires clear visual sightlines afforded by people coming together in open, circular formations. These benches are part of set that were configured in a circular form to echo this style of communication, celebrating the cultural qualities that sign language brings to society. They were made from hacked bike-racks, shifting the idea of physical and practical support from more to less mobile members of society. Encouraging rest and relaxation, they reflect the idea of 'Deaf Gain'

Please sit down on the benches, but don't climb on the plinths!

DisOrdinary Architecture

2022

Steel, wood

Germany

Assembled in London; made in 2025



3.25

## *Pineapple Cloak* from the series 'Ballet Russes'

Christian Ovonlen is an artist in residence at IntoArt in Peckham, an art school and studio programme championing the work of learning disabled and autistic artist, designers and makers. He works mostly on paper, but for this series inspired by the 'Ballets Russes' (the renowned 19th-century avant-garde dance company founded by Serge Pavlovich Diaghilev), a different energy was needed. His bold pastel designs were translated onto bright silks with bleach, dye and acid, imbuing his drawings with movement and life.

Christian Ovonlen  
2021  
Textile hanging  
United Kingdom  
V&A: T.81-2022

## *Jewellery Becomes Law*

3.26

This sculptural garment, created from Ntiense Eno-Amooquaye's illustrations and kaleidoscope printed textiles, is intended to change the shape of the wearer's body as a performance piece. It originated through research into historic costume and avant-garde couture undertaken by the artist at the London-based collective IntoArt, which foregrounds rigorous arts education in a supportive environment. Inspired by fantastical narratives, Ntiense sees this work as a portal of transformation, embedding it within layers of the artist's worldbuilding.

Ntiense Eno-Amooquaye

2023

Printed cotton

United Kingdom

IntoArt Collection



3.27

## Nodeul School for the Disabled (노들장애인야학)

The Nodeul School, a self-organised multidisciplinary school for Disabled adults, is at the centre of the disability rights movement in South Korea. Established in 1993, the school works to empower its students who divide their time between the classroom and protesting on the streets. Much of their performance art challenges South Korea's attitudes towards productivity and resilience, asserting the importance and visibility of disabled life in society. In 2023, Paolo Caffoni and Yon Natalie Mik visited the school and produced *The Invisible Archive: Nodeul* as a document and testament to the school's philosophies.

Philosopher and Nodeul school lecturer  
Goh Byeong-gwon (고 병권) teaching philosophy  
on the street, 2008

Photo: Kim Yumi  
(reproduction, printed 2025)

Nodeul School work vest with the slogan 'This  
is also labour', (이것도 노동이다), 2024

Photo: Goh Byeong-gwon  
(reproduction, printed 2025)

The Invisible Archive:  
Nodeul School for the Disabled  
Paolo Caffoni (English), Yon Natalie Mik (Korean)  
2024



3.28

*(sound of subtitles)*

As an artist who often relies on closed captions to interpret sound, here Seo Hye Lee created a more personal, emotional interpretation of moving images, expanding the possibility of a medium traditionally used as a practical tool to give access. Using archival footage of pottery and craft film, all are welcome to experience the varied meanings given by each different subtitle, and find a new relationship to listening that does not rely on sound.

Please listen to the Audio Description or read using this transcript!

Seo Hye Lee

2021

Commissioned by University of Salford Art  
Collection and Vital Capacities

Footage courtesy: North West Film Archive at  
Manchester Metropolitan University

Film courtesy of Bexley Local Studies and  
Archive Centre and London's Screen Archives

AD footage courtesy of Collective Text through  
Presents Exhibition

Running time: 2 minutes, 30 seconds



3.29

## Gaada

Founded in 2018, Gaada is an artist-led organisation that runs Toogs Artist Workshop, an inclusive arts space in Shetland. They are dedicated to becoming as accessible as possible and have developed in response to their community's diverse needs. Though their members have sometimes never made art before visiting, Gaada is not built around a strict teaching programme. Instead, members are encouraged to use the workshop's facilities to create whatever art is meaningful and relevant to them. Many of Gaada's members are Disabled, and some choose to incorporate their lived experience of disability into their art.

In addition to the works on display here, we have also included some zines by Gaada's members in the resources section.

Cutting Shapes  
Helen Tulloch  
Risograph print on paper  
2024

There's No Point In Remembering  
Struan Haswell  
Screen print on cotton  
2025

The Weatherman  
Robbie Burns  
Screen print on paper  
2026

What does it mean to have equal access to public life? Can design help to create a fairer approach for those who don't have it? Many disabled people experience multiple, simultaneous marginalisations, like racial, religious or class discrimination. Disability is often one of many factors that impact a person's access to public freedoms. In this section, design responds to aspects of public life where access is often not considered.



## *Public S/Pacing*

This bold, bright blanket and pillow are a reflection on the demands of hyper productivity. They are an invitation to rest whenever and wherever you need. By celebrating rest, which is so often maligned by societal norms, the blanket highlights how the design of public spaces often fails to include disabled people. They gently challenge ableist assumptions with care and visibility.

Helen Stratford with contributors and practitioners, 2024, Second-hand wool base with satin edges, digitally printed twill cotton appliqué, screen printed cotton and poly-cotton appliqué, faux fur and digital embroidery, United Kingdom Supported by Arts Council England and Bloc Projects Sheffield



3.32

## Proxy Protest Tool Kit

This is a DIY toolkit that helps anyone unable to attend a protest to assign a proxy on their behalf. Created by Arjun Harrison-Mann, Benjamin Redgrove and Kaiya Waerea, and a variety of collaborators including Disabled People Against Cuts, it offers a community-enabled alternative to disabled people being ostracised from protests. Onsite participants wear a harness made from easy to find items and then strap a mobile device to their bodies, so offsite participants can connect via an encrypted livestream with the access tools of their choice.

Proxy Protest Tool Kit, zine and video by Access  
Power Visibility: Arjun Harrison-Mann, Benjamin  
Redgrove and  
Kaiya Waerea

2020

Blue fabric sash, yellow rubber elastic bands,  
A5 risograph zine, printed stickers, cardboard  
box

United Kingdom

Running time: approximately 4 minutes

For more information please visit  
[proxyprotest.com](http://proxyprotest.com)



3.33

## *Mobility Device*

Artist Carmen Papalia devised his performance piece, *Mobility Device*, with a joyful approach to accessibility that was both creative and defined by the user. Papalia, who is non-visual, replaced his white cane with Vancouver's Carnival Band. The band guided him through an improvised park walk, playing a score that reacted to the site as they moved through it. Papalia highlights the power of collaborative support to foster agency and inclusion, while reimagining access as a collective practice.

Carmen Papalia  
October 2021  
Kitsilano Park, Vancouver, Canada  
Courtesy of the artist

Running time: 12 minutes

# *You're so Amazing*

3.34

*You're so Amazing* is a children's book about Joe, a boy with one leg. Everywhere Joe goes, people call him 'amazing', but Joe just wants to be himself. The story challenges the idea that disabled people are automatically 'inspirational', illustrating how these labels can feel alienating. Instead, it shows how children and adults can be respectful and attentive to disability without singling it out as something to overcome.

James and Lucy Catchpole  
2023  
Paper  
United Kingdom



3.35

## Easy Read Ramadan diary

Participating in prayer and ritual with your community is an important part of having faith. Ana Huna, a Muslim community group in Greenwich, aims to make mosques and places of worship accessible for disabled children. Every year the project creates an Easy Read Ramadan booklet that lets disabled children and their families celebrate Ramadan at their own pace, using a day-by-day illustrated diary.

Ana Huna  
2023

Paper (reproduction, printed 2025)  
United Kingdom

# Deaf Rave set and Woojer Vest

3.36

DJ Troi Lee founded Deaf Rave in 2004, creating events designed for Deaf clubbers and performers. Deaf Raves are dedicated to celebrating and sharing Deaf identity and culture, and have a strong visual and sensory experience. Deaf Rave provides participants with Woojer vests, which are embedded with vibrating tactile discs, translating sounds into a tangible experience. Wearers become immersed in the bass and beat of the music.

This Woojer Vest is playing a set by Deaf Rave.

Touch the vest to feel its vibrations.

Deaf Rave and Woojer Vest Edge  
Haptic Vest and Deaf Rave t-shirt  
2020  
Mixed Media  
United States of America

## 3.37

# Touching the News

It is not unusual for news articles to include infographics to communicate ideas quickly and 'at a glance'. However, for Blind and low vision people this can often mean they miss out as screen readers cannot translate this visual information. Lighthouse's Media and Accessible Design Lab is an initiative that renders the *New York Times* infographics and other topical information as tactile graphics. Their first was *The Times*' 'Flattening the Coronavirus Curve' graph, a life-saving graphic explaining steps to slow the spread of the virus.

Please touch the graphics!

'Suez Canal maps: where was the *Ever Given* stuck and what is the main alternative route?'  
2021

'What does Flattening the Curve look like?'  
2020

Naomi Cogan Rosenberg  
Assistant Director, Media and Accessible Design  
(MAD Lab  
LightHouse for the Blind and Visually Impaired,  
San Francisco  
Tactile paper (reproduction, printed 2025)  
United States of America



3.38

## B1 Blue Flame Football

Blind football is an adaptive form of the game designed for Blind and Partially sighted players. All players (except goalkeepers) must cover their eyes to account for differences in vision, so sound is crucial. With its design originating in the late 19th century, this rattling football allows players to follow the noise it makes, find it and kick it.

Pick up the football and shake it!

Handi Life Sport  
Probably 2020  
PU, bell  
Denmark

Voting should be a universal right, yet the assistance needed by many Blind and low vision people means they cannot vote with privacy and dignity. Released in some parts of the country in time for the 2024 UK General Election, the McGonagle Reader is an audio-assisted tactile voting device designed to let people vote independently. Combining an audio player with a series of 'ringing doorbells', it enables users to listen to and feel their way through filling out a ballot paper.

Pakflatt

2022

Plastic, metal

Derry, Northern Ireland



3.40

## Liberator Pathfinder

Augmentative and Alternative Communication (AAC) is a range of strategies and tools to help non-speaking people. These range from simple picture boards to sophisticated digital devices. The Liberator Pathfinder, released in 2000, was the first AAC device with an integrated touchscreen. AAC devices are essential communication systems to users, but they can be expensive, with critics calling out having to pay for the right to communicate. Awareness from the public can also be limited.

Prentke Romich Company  
2001

Plastic, metal, electronics  
United States of America

Centre for Computing History, Cambridge:  
CH60468

# FaceView Mask KN95 with clear window

3.41

Wearing a mask is one of the most effective methods of keeping ourselves and others safe from airborne viruses. But for those who rely on lipreading and sign language to communicate, masks are a significant barrier. During the Covid-19 pandemic, many people responded by cutting and stitching clear windows into masks. DIY versions were an imperfect solution in the early days of the virus, but years later, clear window FaceView masks are available to keep us safe.

FaceView  
2024

Polypropylene, foam, aluminium  
Unites States of America



3.42

## Design & Disability Resources

DIY cultures like self-publishing and podcasting are essential alternatives to mainstream media, holding space where Disabled people can create 'by and for' themselves. Here we offer a small selection of zines and podcasts that centre disability. There is also a selection of other publications and resources related to the topics in the exhibition, as well as information about services local to Dundee.

Please spend as long as you like with these resources and feel free to leave your thoughts and comments.

# Label for Missing Objects

3.43

This is an acknowledgement for all the objects that did not make it into this exhibition but are just as important to the story of what it means to make, break, create and reinvent design as a disabled person. Many objects will be in your lives already as small, radical acts of invention. Where design has failed to meet your needs and expectations, you may have found yourself an accidental designer, but a designer no less. All of this is part of the story of making, and a chance to celebrate your own contributions alongside the objects you have seen here today. For those allies among us, it is a call to action to listen and be worthy collaborators.