

Digital development in Klettaskóli

Past ~ Present ~ Future

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CUC, Rovinj 2023



Klettaskóli
- menntun fyrir lífið





Today

We look back ten

10

years

1. Eye Gazing
2. AAC
3. Smartboards
4. Tablets
5. Apps
6. Virtual reality





Klettaskóli



130 Students

6 students in Participation Class

80 Professionals

90 Teacher Assistants





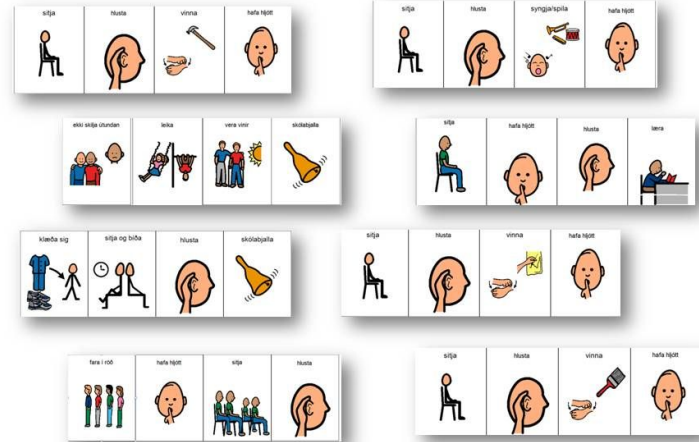
Education for life



Klettaskóli
- menntun fyrir lífið

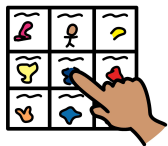
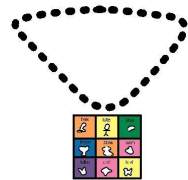
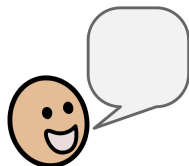
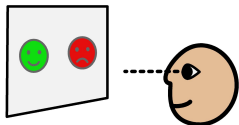
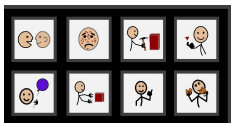
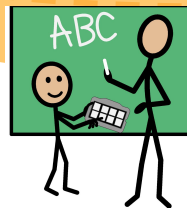


Visual Support





Ways of Commuication



Eye Gazing

How it all started ...



Eye Gazing Development



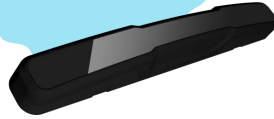
2013



Eye Gaze device

Getting to know
the technology
Using games

2017



My Gaze

Klettaskóli gets 5
Eye Gaze devices
Games and
Communicator 5

2020



TD Snap

Translated
communication
software

2023



I-Series

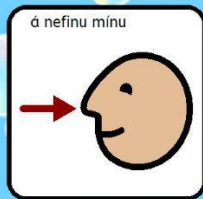
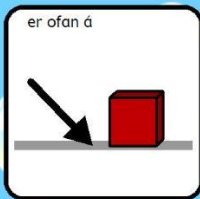
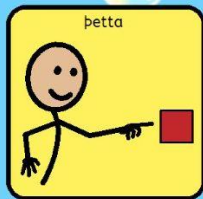
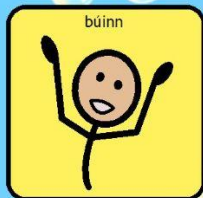
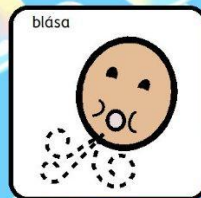
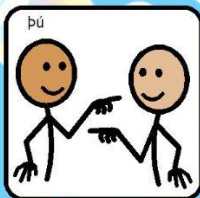
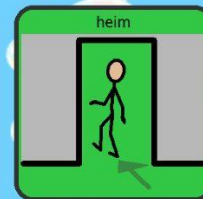
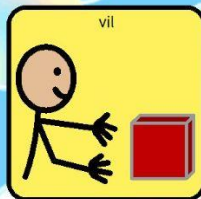
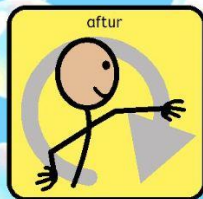
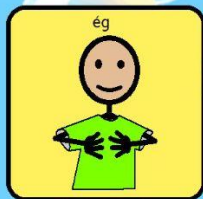
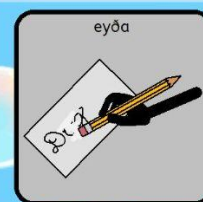
Most powerful Eye
Gazing Computer
there is



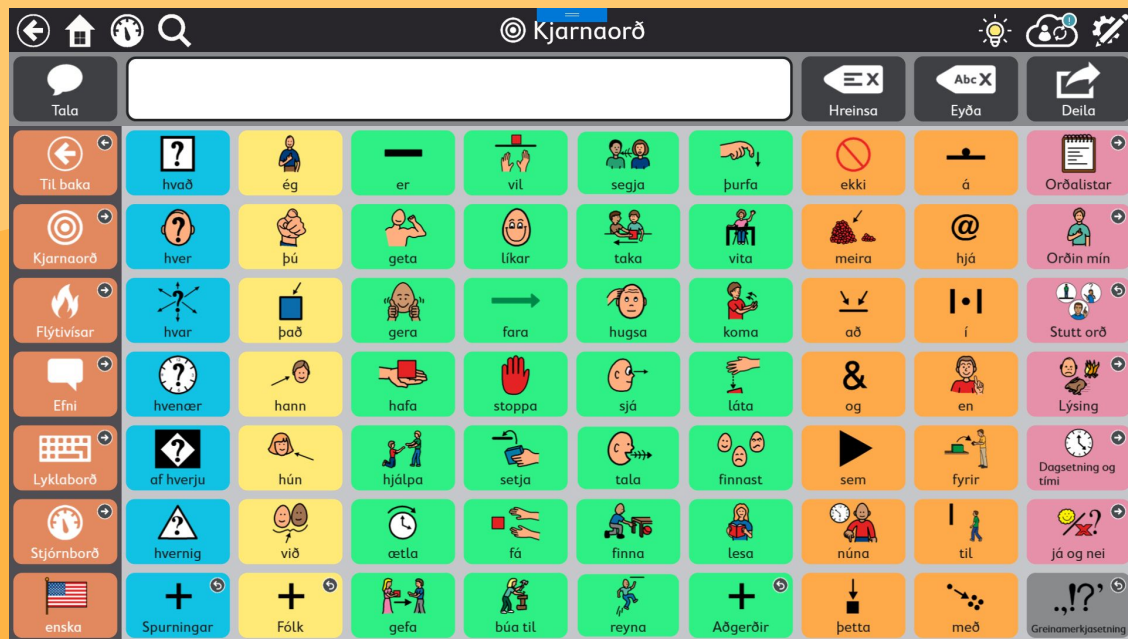


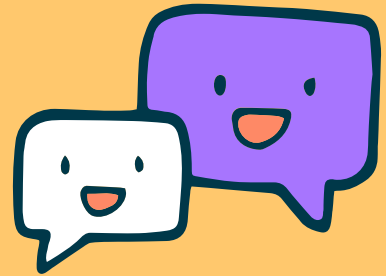
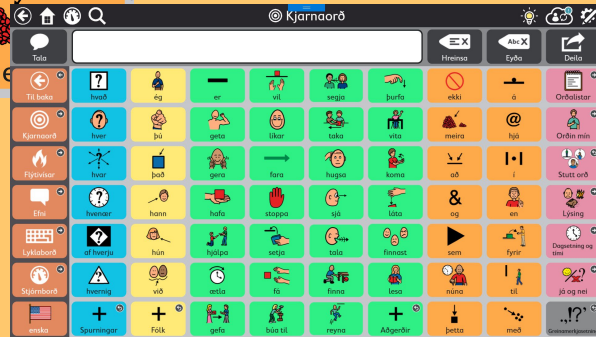
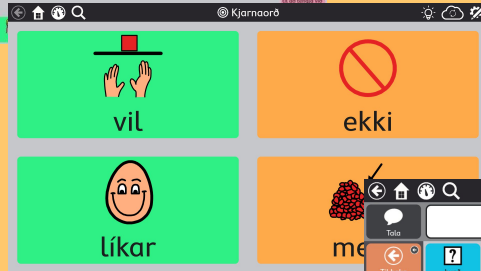
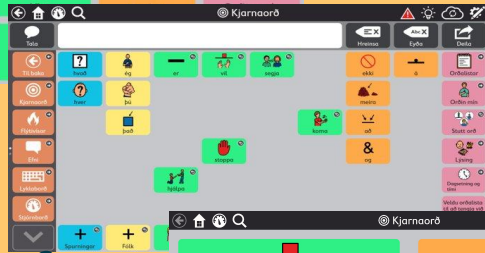
Emma Lilja's story





TD Snap





Majority of students

use TD Snap in one way
or another



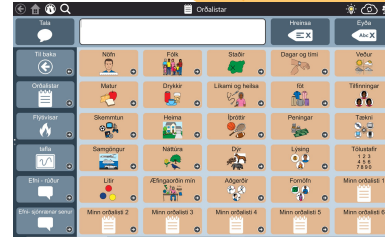
Different Page Sets



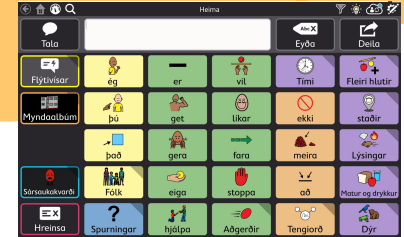
Page Set for
Visually impaired



Page Set for
RETT syndrom



APHASIA
Page set



Motor Plan
Page Set



★ Today, few students in Klettaskóli training for Eye Gazing



One student has his own i-Series device



Presume competence

01

Believe in capability

Even if your student is passive

02

communication partner

Be active modeling all the time

03

Never give up trying

It takes time to learn new language



TD Snap our second language



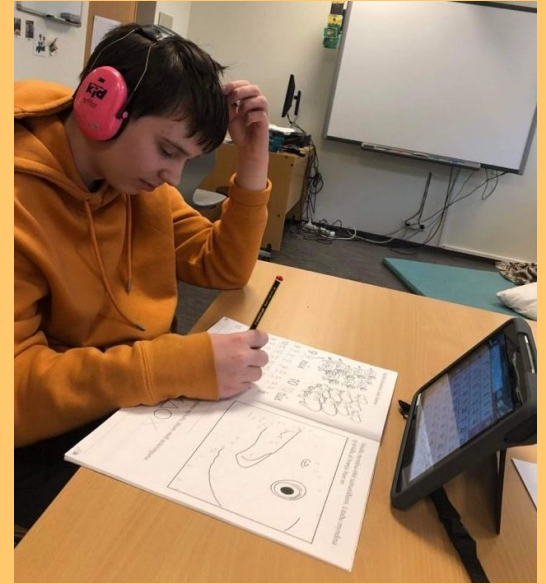
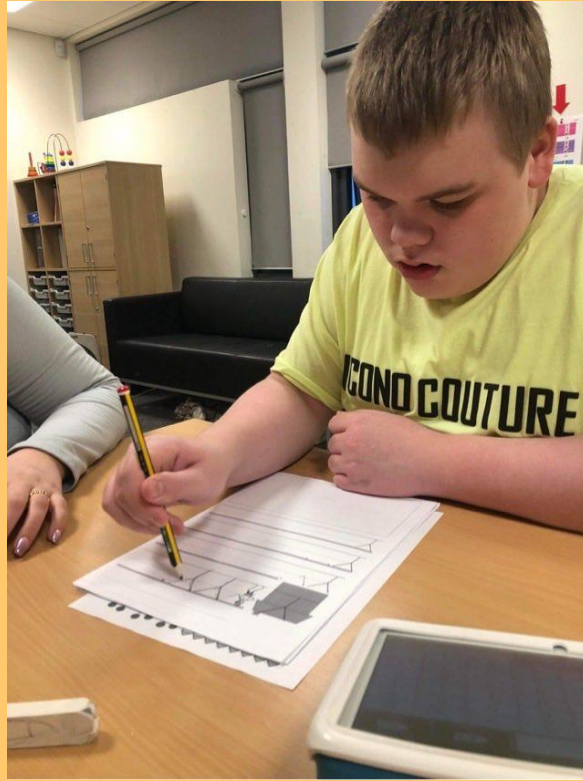
Tala		Hreinsa	Eyða	Deila
Til baka	hvað	ég	er	vil
Kjarnaorð	hver	þú	get	líkar
Flytjivisar	hvar	það	gera	fara
Efni	hvenær	hann	hafa	stoppa
Lyklaborð	af hverju	hún	hjálpa	setja
Stjórnborð	hvernig	við	ætla	fá
	Spurningar	Fólk	qefa	búa til
			Aðqerðir	þetta
				Greinamerkiasetni



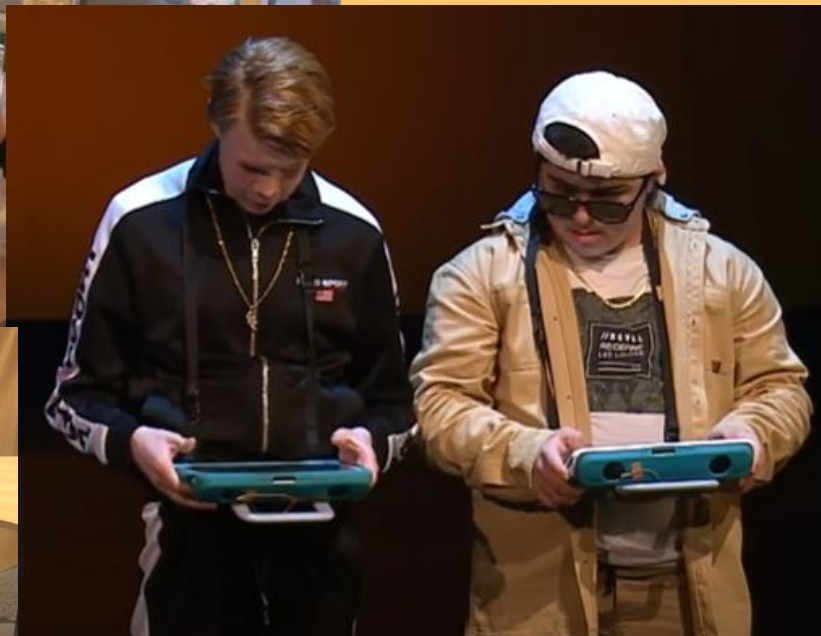
Their language has to be visible



Their language is always there

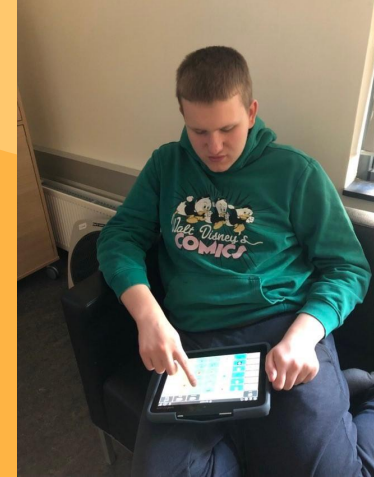


They go- the language goes



The last 10 years

- PECS folders
- Talk Tablet
- Go talk
- TD Snap



Not only their voice

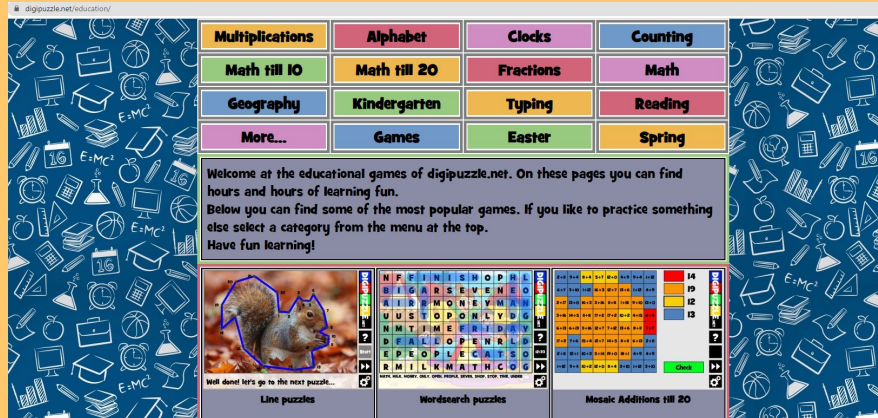
- Day schedule
- Favorite activities
- Timer
- Big changes

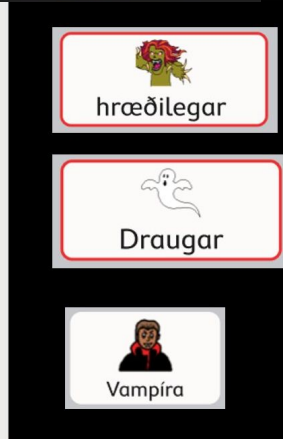
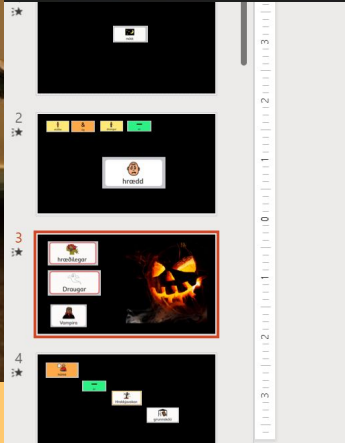
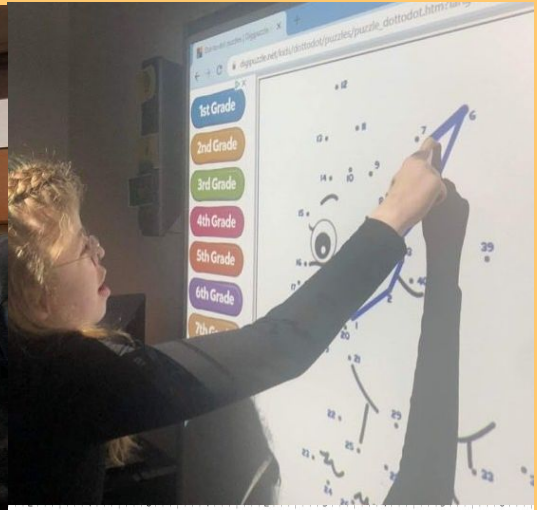
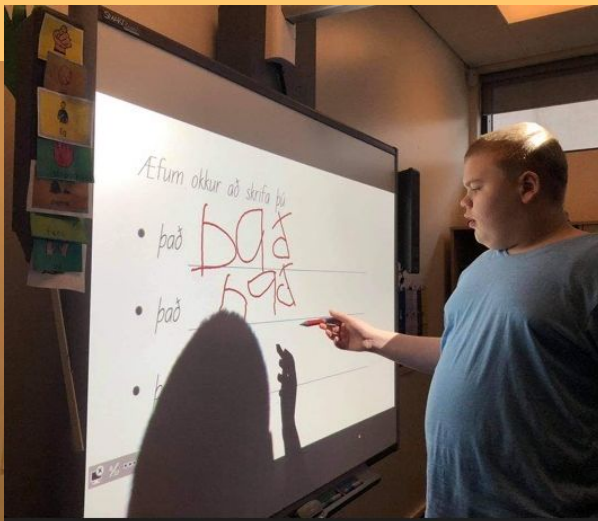
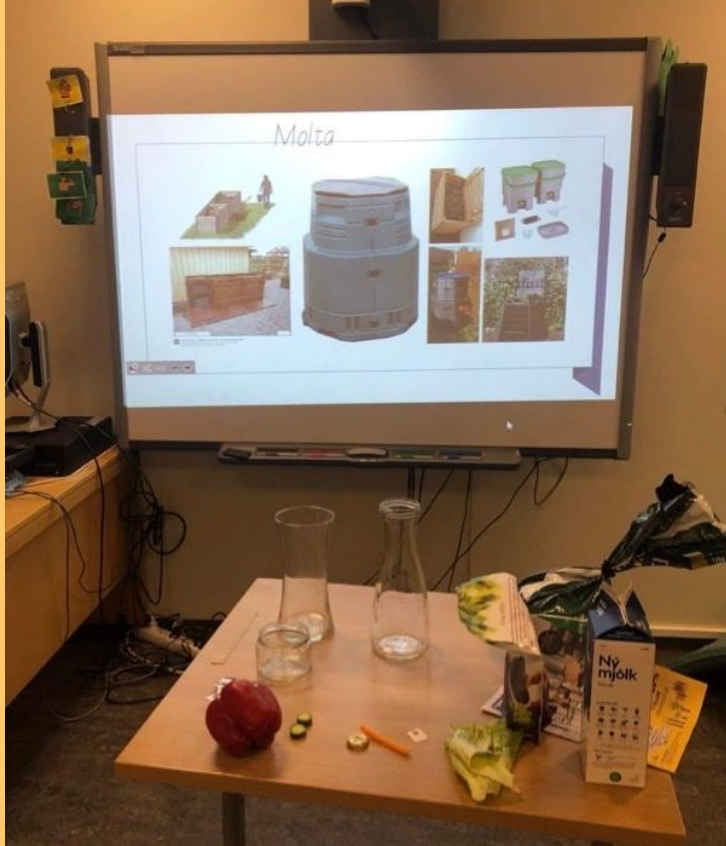
 Billund 29 maí	 Lalandia	 Legoland	 flugvél
 gistum í sumarbústað í Bilkund í 3 nætur	 grilla pylsur		 lest
	 veitingarstaður		

Klettaskóli í mars	Klettaskóli í apríl	Klettaskóli í maí	Klettaskóli í byrjun í júní	 útskrift 7 júní	Sumarfrí 8 júní	sumarfrí í júlí
sumarfrí í byrjun ágúst	 Nýr skóli í lok ágúst					

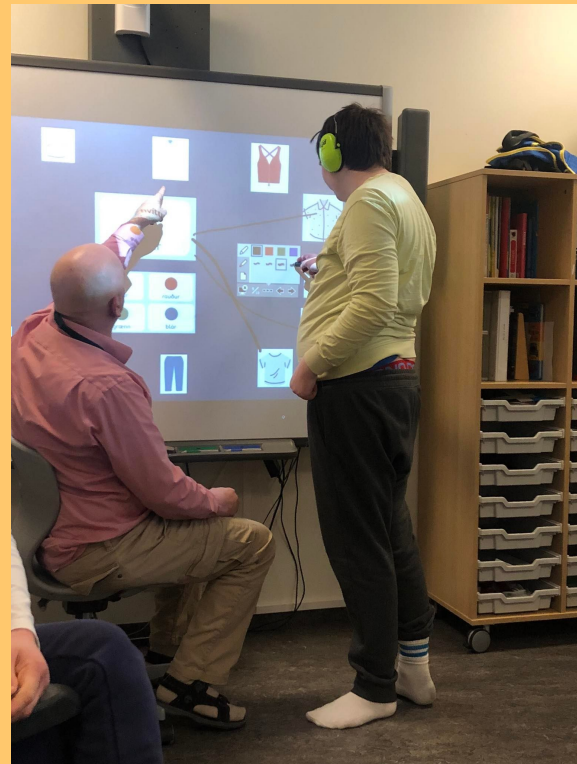
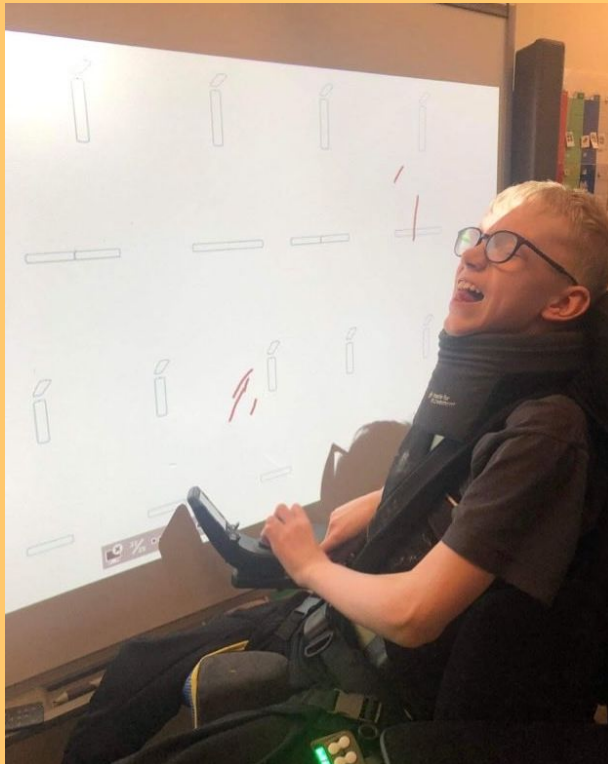


Smartboard engages students





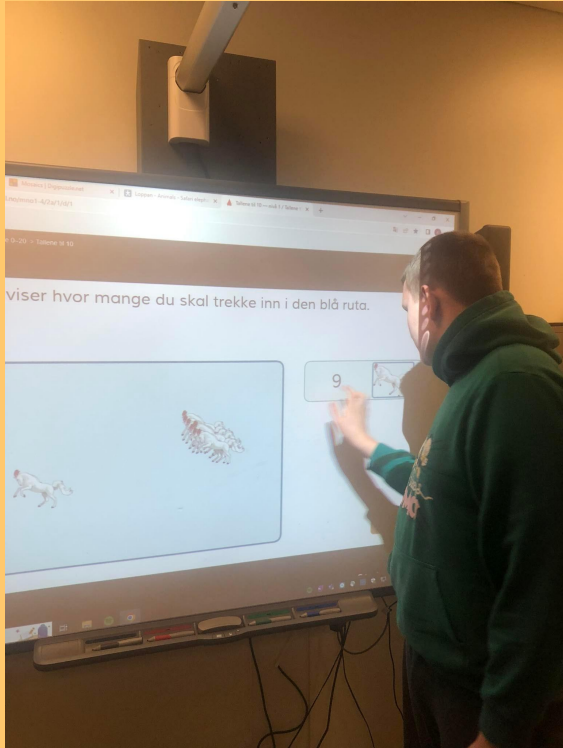
It's easy for everybody to use it



Easy games



Good math website from Norway



Illustrations of animals and objects for counting:

- 6 rabbits
- 5 strawberries
- 1 apple
- 1 squirrel
- 5 fish
- 1 mouse
- 5 small mice
- 5 chicks

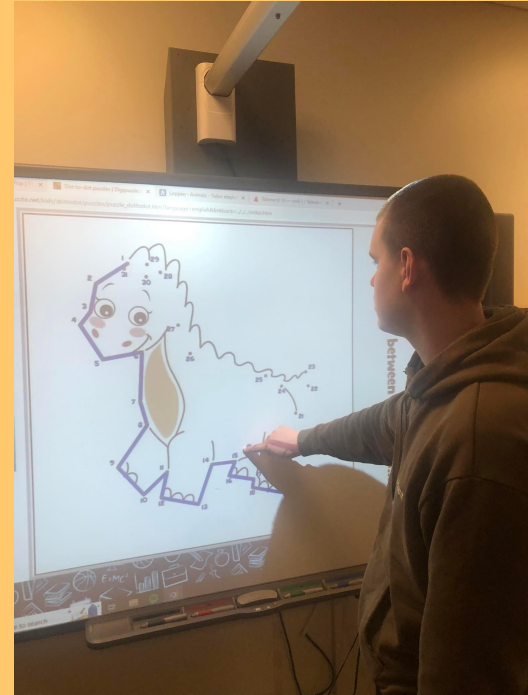
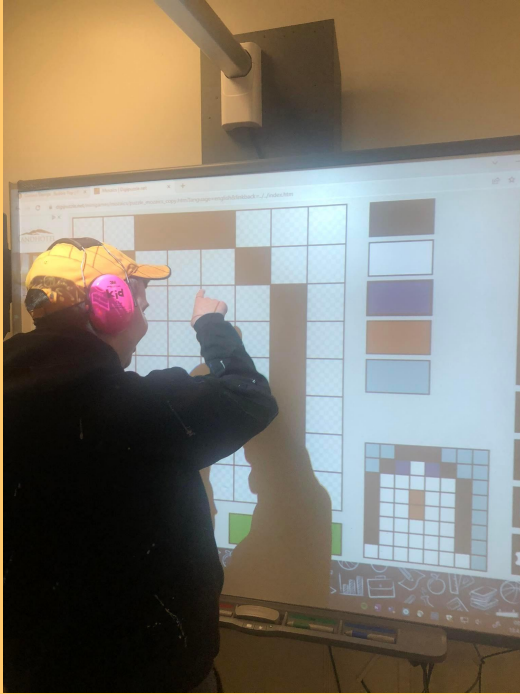
Counting boxes:

- 6
- 5
- 1

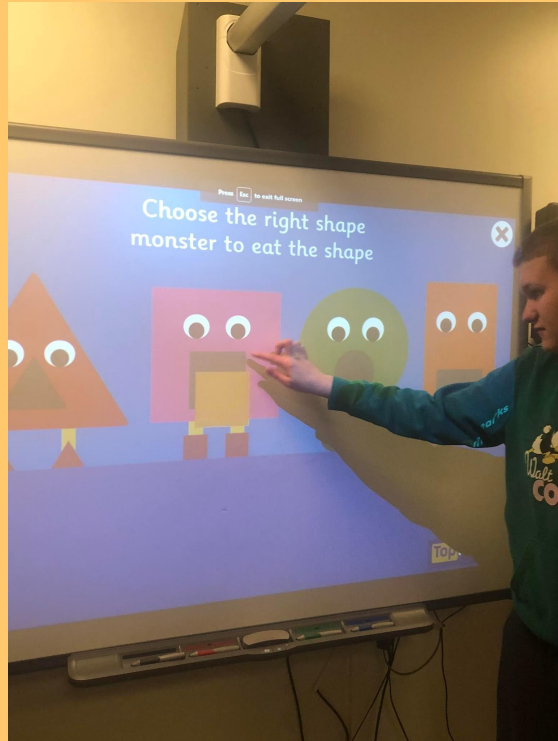
OK



Good website with educational games:



Good math games for smartboards



Topmarks Topmarks Search Whiteboard Resources Learning Games Topmarks Apps Topmarks Blog

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3-5 Years 5-7 Years 7-11 Years 11-14 Years

Play these fun Maths Games for 5-7 year olds

Maths

Choose a Category:

- Counting
- Ordering and Sequencing
- Place Value, Odd and Even
- Addition and Subtraction
- Times Tables
- Multiplication and Division
- Money
- Shapes
- Measures
- Data Handling
- Problem Solving

English

1st Grade 2nd Grade 3rd Grade 4th Grade 5th Grade 6th Grade

Money Games

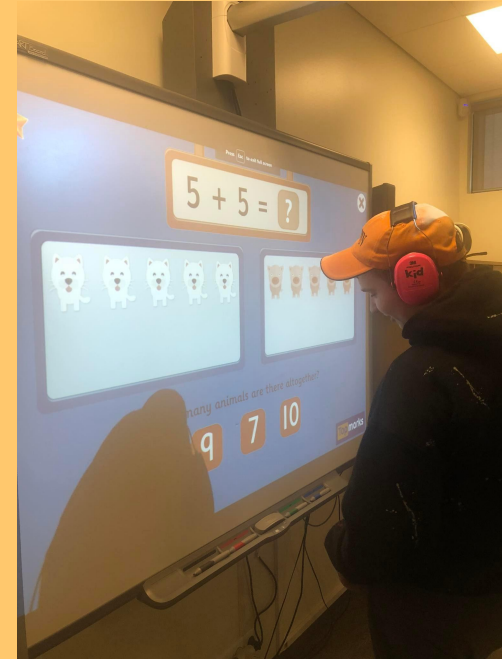
These free money games can help children who are learning to use UK money. Understanding money is a difficult concept when children are introduced to single coins having different values. These games range in challenge from basic counting with single coins to those where children need to work out problems involving adding amounts and change.

Toy Shop Money Game

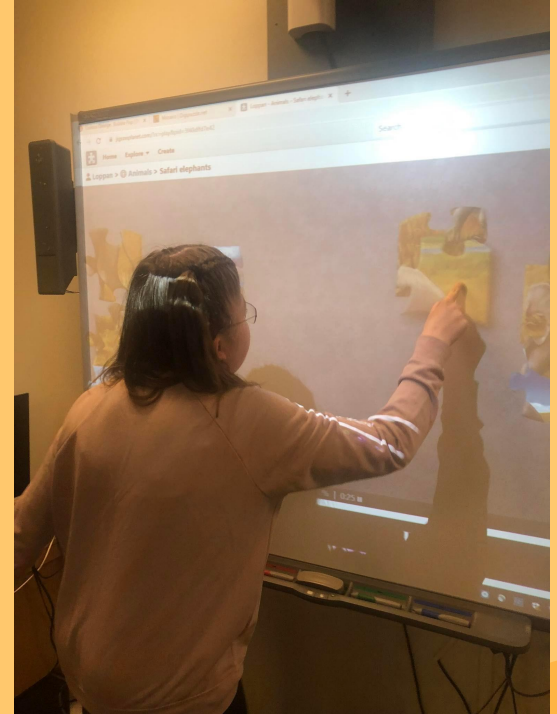
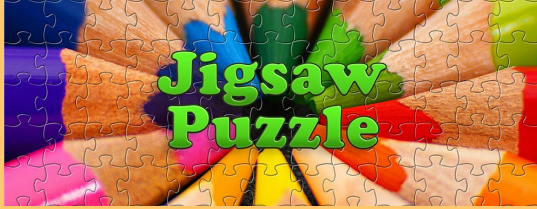
Money games where children work out which coins will buy toy shop items and where they can calculate change. There are different levels of difficulty. GDP, USD, EURO and AUD options are available.

Coins Game

Coins game is a money game which



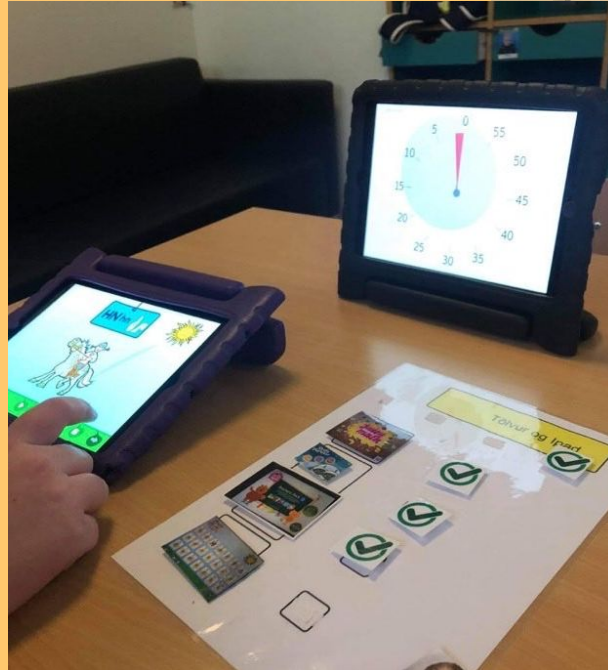
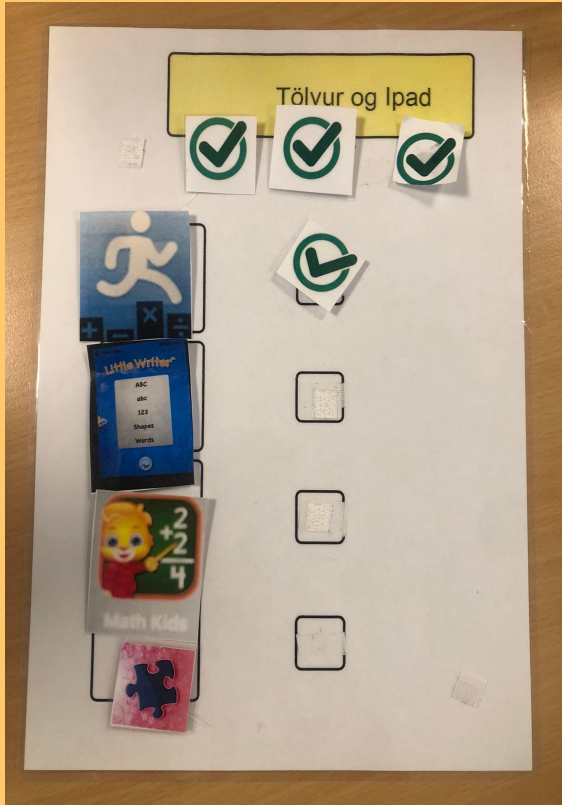
Puzzles on tablets and smartboards



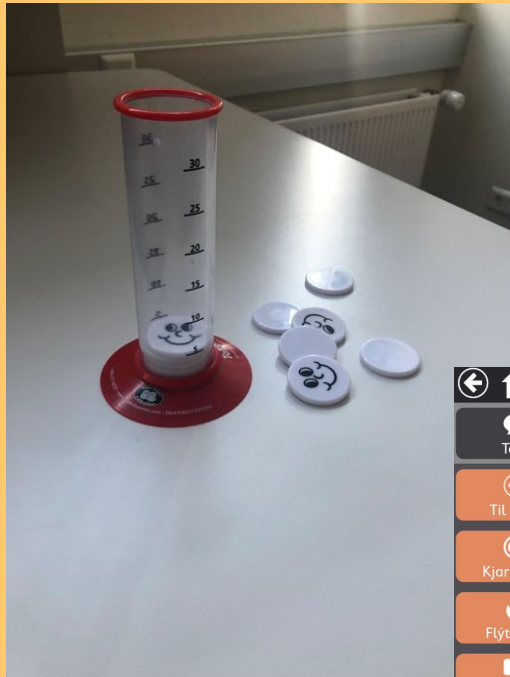
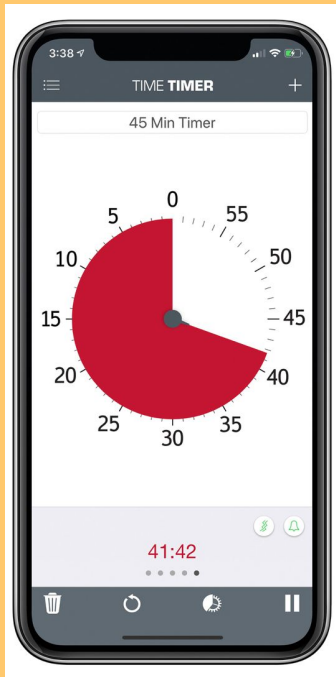
I have used tablets a lot with my students



Independent work on tablets



If they have a hard time working independently I use timers



Good apps that work for Android tablets



Color and Shape



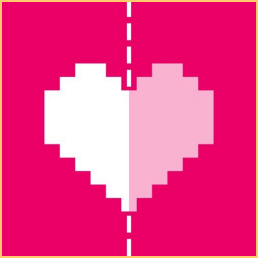
Teacher's pack



Writing Wizard



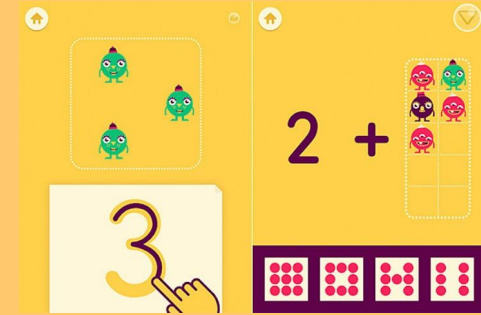
Bitsboard



Symmetry



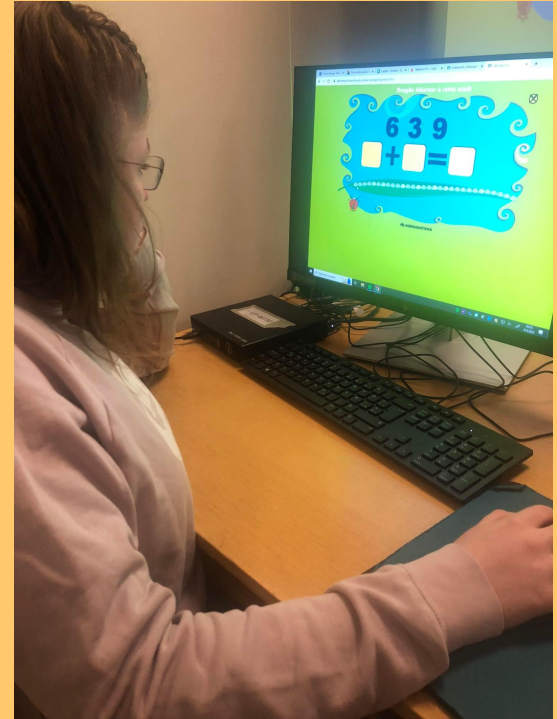
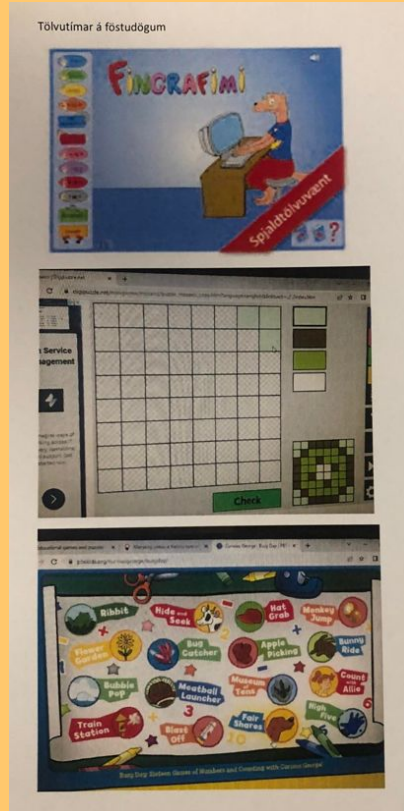
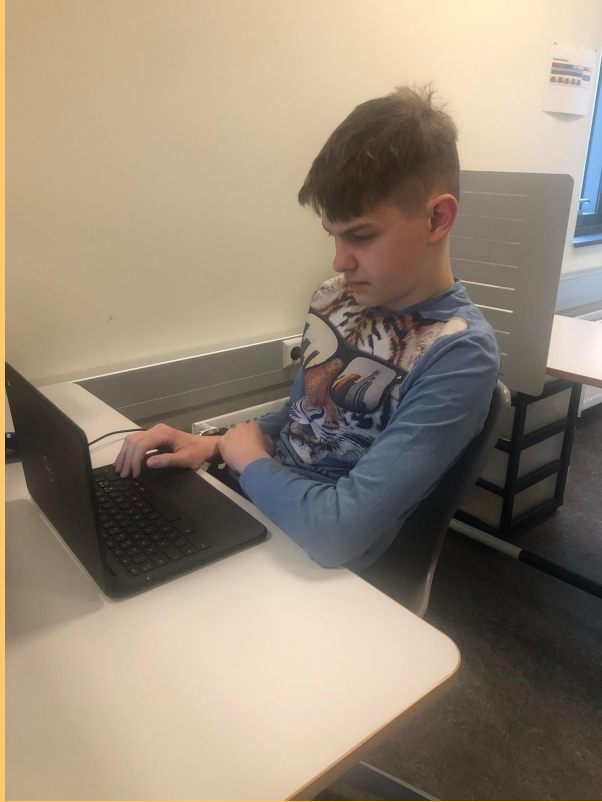
Book Creator



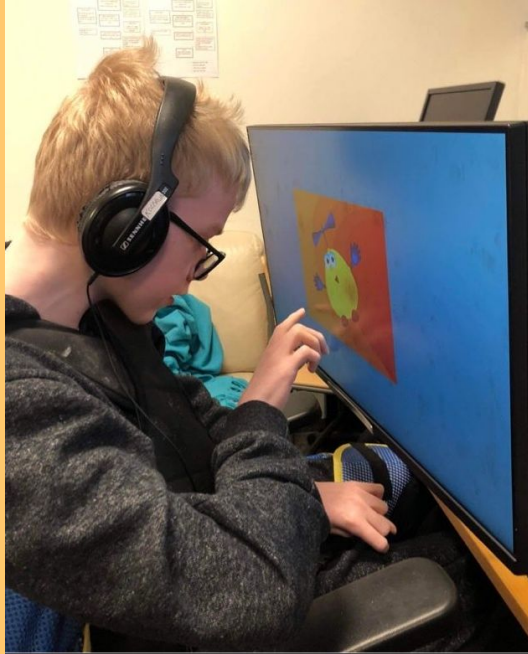
Quick Math



Working independently on computers



It's helpful to use touchscreen
It's easy to move the screen



This student uses eye gaze games with touch

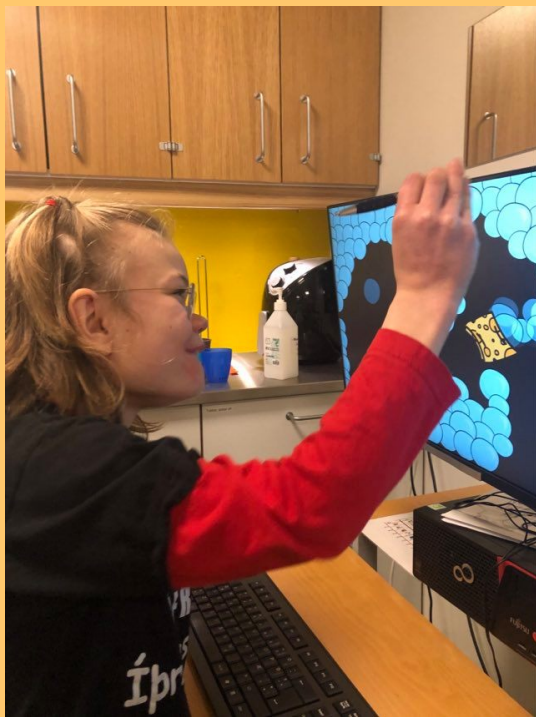
EyeGaze Attention and Looking

Tracking **Fixating** **Locating**

Assessment and Teaching of:

Tracking: eye movement patterns, visual attention, preferences and discrimination skills.
Fixating: visual attention, fixation and dwell select skills.
Locating: visual scanning skills and control of the cursor to explore the screen.

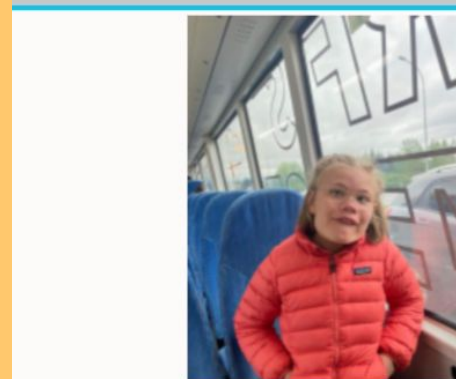
Inclusive Eye Gaze © Inclusive Technology Ltd 2014



Never give up



This student today




vinnustund


tölva


Reykjavík


ipad



Hreyfing



Uppáhald



Aðgengi



Almenningsgarður









Virtual Reality



Bus Rides



Pool



Staff Training



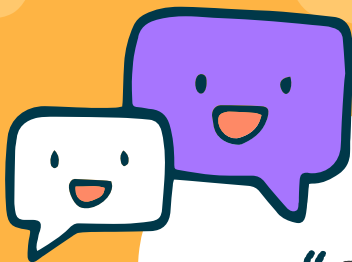
New places





**Any Volunteers that want to visit
Reykjadalur Summer camp?**





“Technology is just a tool. In terms of getting the kids working together and motivating them, the teacher is most important.”

—Bill Gates



Klettaskóli
- menntun fyrir lífið

OUR TEAM



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Klettaskóli
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TAKK-HVALA

