Unit 3

Accessible and Quality Digital Education for Autism and Intellectual Disabilities

ToT Course for Educators

Introduction to TeachSpace & TeachHub

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Creating with TeachSpace

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Expected Learning Outcomes

By the end of this session, you should be able to:

Understand the functionalities and features of TeachSpace and TeachHub.
Explain the purpose and benefits of integrating TeachSpace and TeachHub in educational practices.
Utilise TeachHub's collaborative features to build a supportive online community among educators, parents, and students.
Explore and locate open educational resources (OER) relevant to autism and intellectual disabilities.
Assess the quality and appropriateness of OER for diverse learners.

01

Overview of TeachSpace

Accessible and interactive learning experience with progress tracking

With TeachSpace, classrooms are transformed into customised and gamified digital learning experiences that use data to track progress and identify areas where learning gaps exist.

Register for Free

What is TeachSpace

teachspace.eu

TeachSpace sets of slides

Cloud-based digital learning resources: flash/task cards, quizzes, interactive lessons and more.
*Also printable

Learner Module

Learners can complete an interactive task or assignment, receive feedback, submit a completed assignment, collect tokens, view grades and progress reports.

Teacher Module

Educators can create and assign tasks to individual learners or learner groups, share assignments with colleagues, view grades and progress reports and manage classrooms.

Benefits of TeachSpace

Interactive learning

Innovative drag-and-drop functionality, click, type and video.

Personalized learning experience

Create customizable interactive slides with ease.

Accessible learning

Support learners with different learning abilities.

Benefits of TeachSpace

Enhanced learner engagement

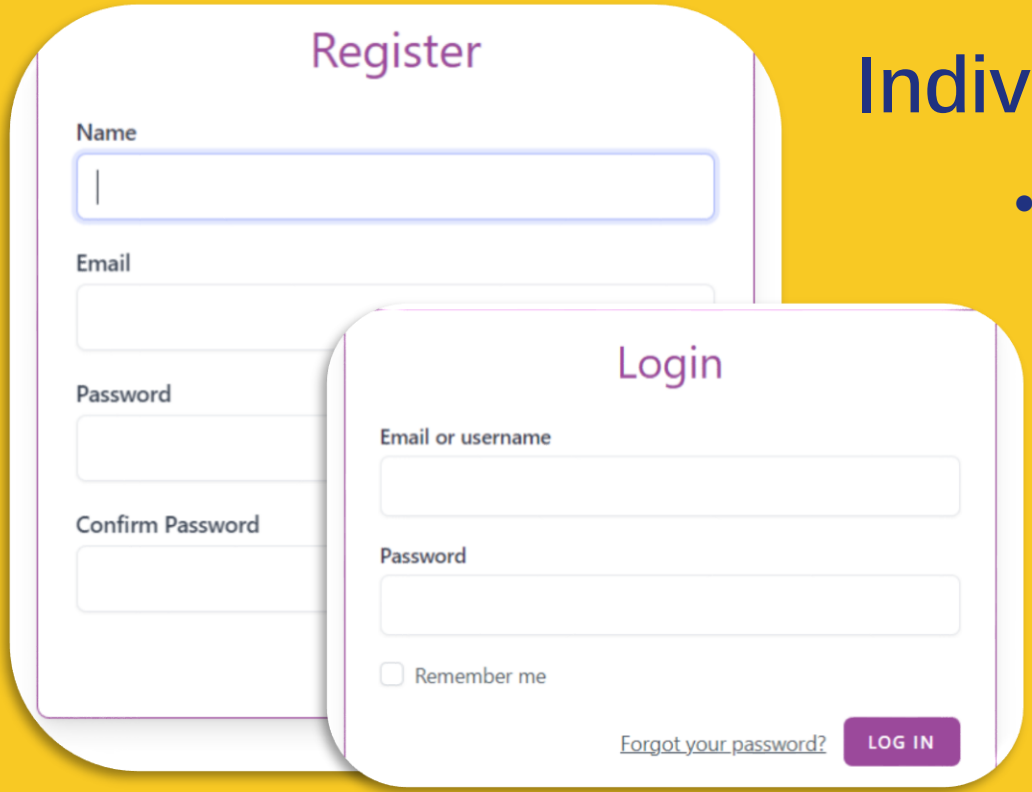
Keep learners engaged with interactive content.

Simplified progress tracking

Easily track learner progress and areas of improvement.

Automated grading and feedback.

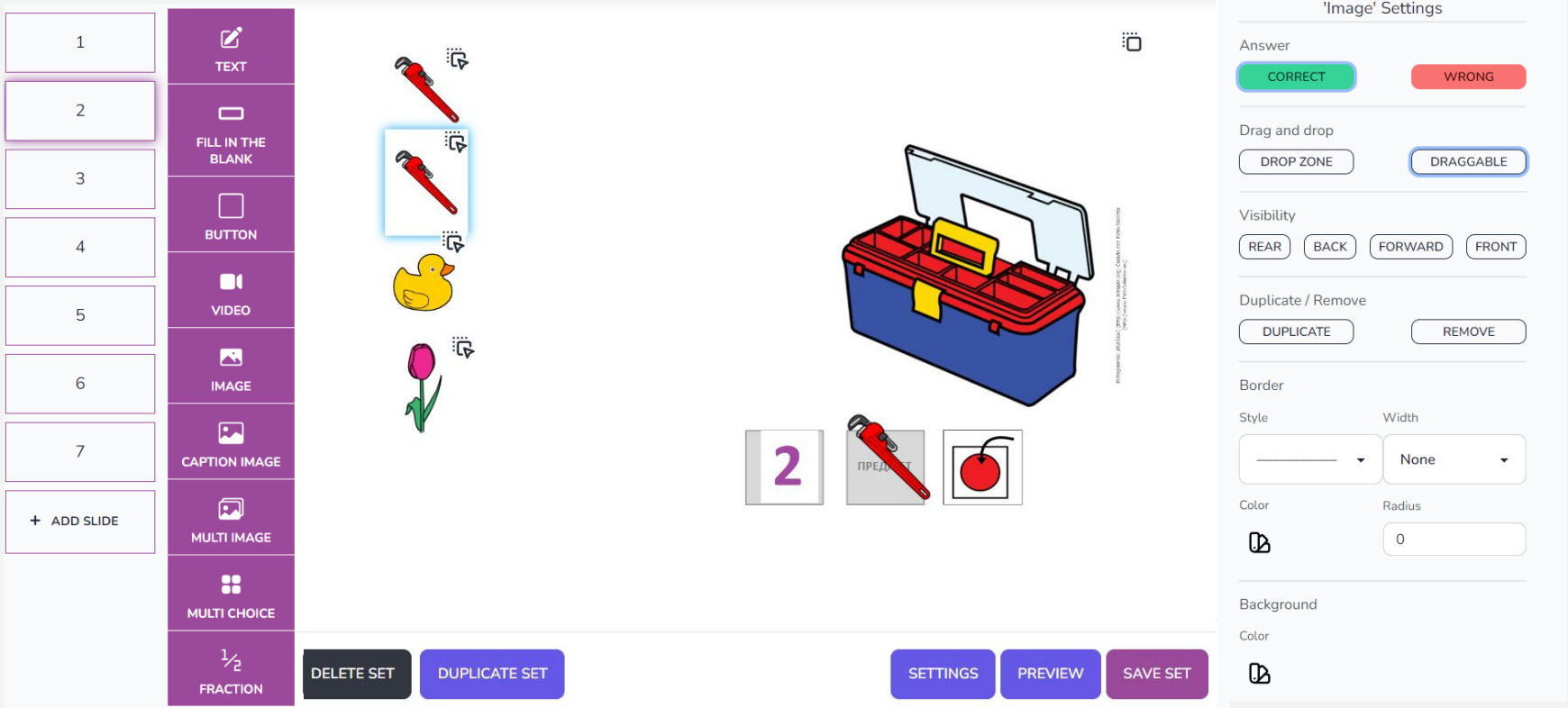
Time-saving

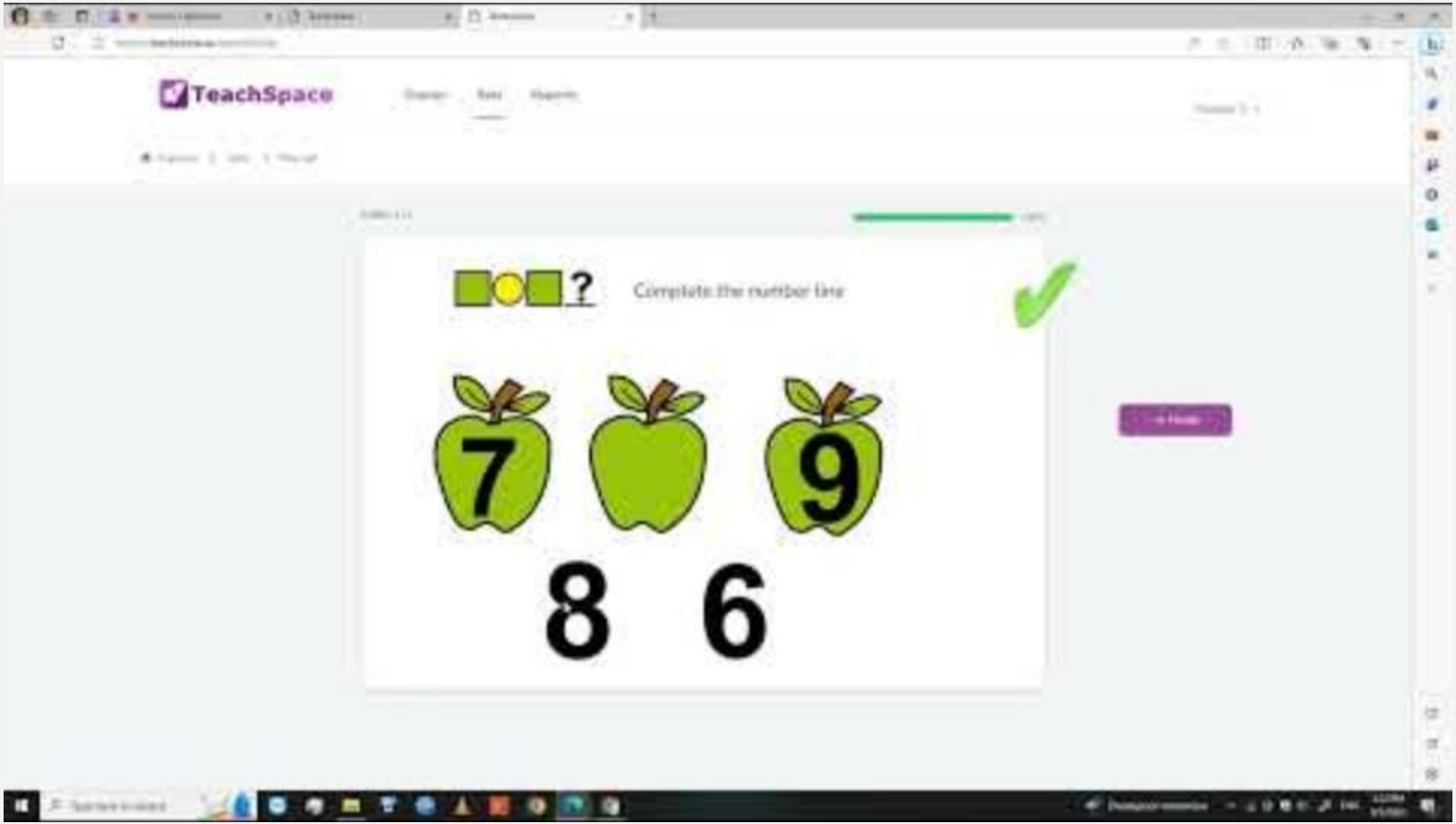


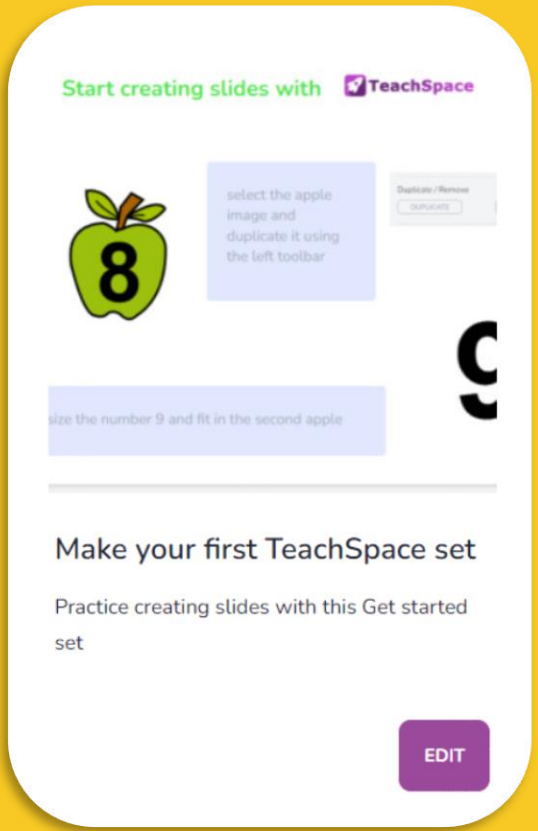
Individual work (5 min)

- Register and log in to create your profile and classroom

TeachSpace Functionalities




TeachSpace
?
Complete the number line
7
9
8
6



Individual work (15 min)

- Practice on your first TeachSpace set

02

Navigating TeachSpace for learners

Using TeachSpace from the perspective of learners

Individual work (10 min.)

- Create learners

Immediate feedback and prompting

Correct answer:

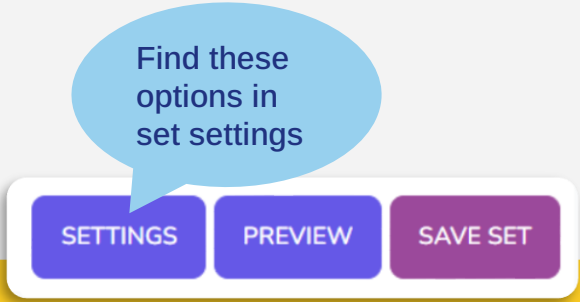
- Green border (default)
- Green Checkmark
- Thumbs Up
- Green smiley face
- Upload option

Wrong answer:

- Errorless feedback with prompting (default)
- dark pink ‘X’
- thumbs down
- Sad Face/frowning face
- Upload option

Prompting:

- Custom number of attempts before prompting (1-5)



TeachSpace

Gamification and Token economy

Learners play for:

Coins and lightning bolts are rewards for persistence and struggle.
Learners earn coins for every correct answer with or without using prompts.

Lightning bolts are awarded for completed slides, regardless of the number of prompts or wrong answers attempted.

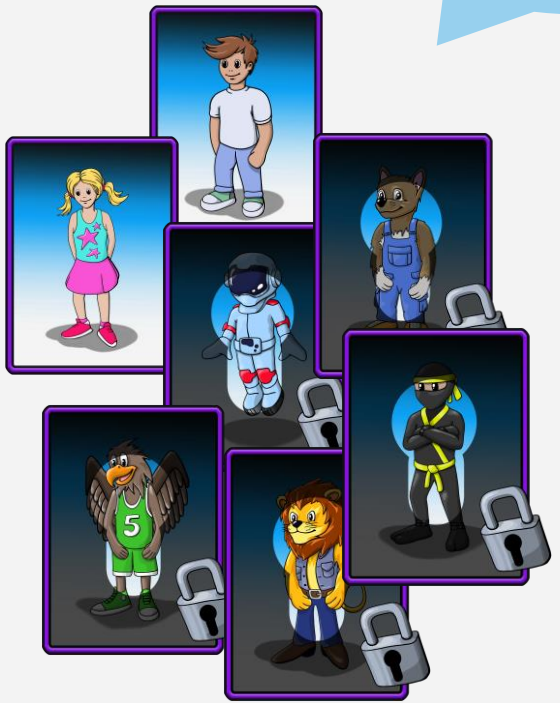
Stars are rewards for mastery. They are awarded when a learner correctly completes a slide, with no wrong answers attempted.
They can play a set many times until they earn all of the stars.

TeachSpace

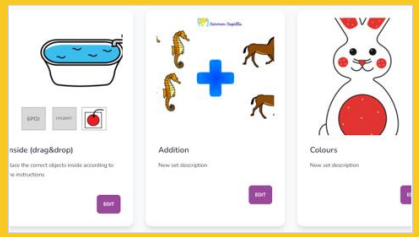
Gamification and Token economy

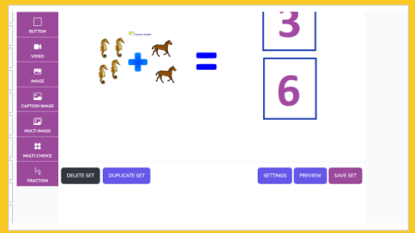
Skins (avatars)

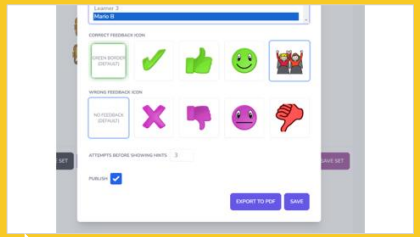
- Coins are a special kind of tokens
- The learner can exchange the coins to unlock skins and change his profile picture.
- This is available in the learner’s profile.

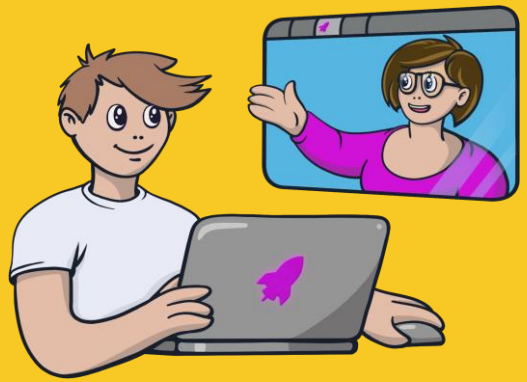


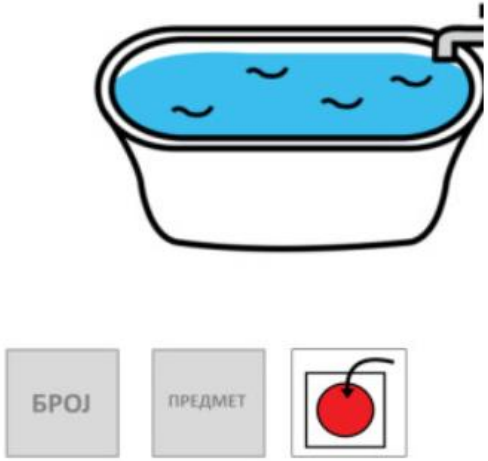
Assigning sets to your users











nside (drag&drop)

lace the correct objects inside according to
ne instructions

EDIT

Addition

New set description

EDIT

Colours

New set description

ED

BUTTON

VIDEO

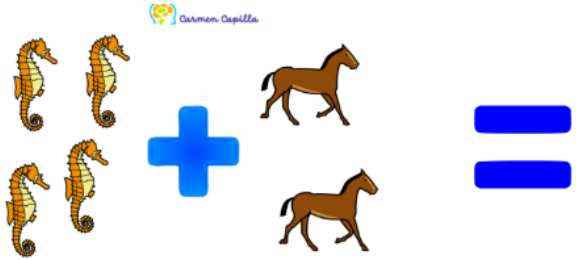
IMAGE

CAPTION IMAGE

MULTI IMAGE

MULTI CHOICE

FRACTION



3

6

DELETE SET

DUPLICATE SET

SETTINGS

PREVIEW

SAVE SET

ASSIGN TO LEARNERS

Learner 1
Learner 2
Learner 3
Mario B

CORRECT FEEDBACK ICON

GREEN BORDER (DEFAULT)

WRONG FEEDBACK ICON

NO FEEDBACK (DEFAULT)

ATTEMPTS BEFORE SHOWING HINTS 3

Learner 3

Mario B

CORRECT FEEDBACK ICON

GREEN BORDER (DEFAULT)

WRONG FEEDBACK ICON

NO FEEDBACK (DEFAULT)

ATTEMPTS BEFORE SHOWING HINTS 3

PUBLISH

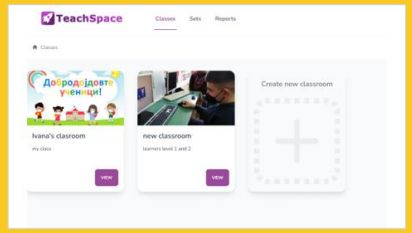
EXPORT TO PDF

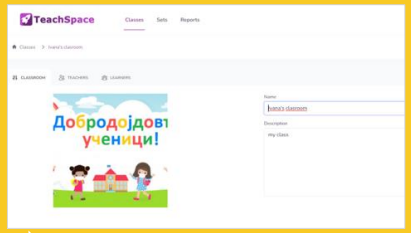
SAVE

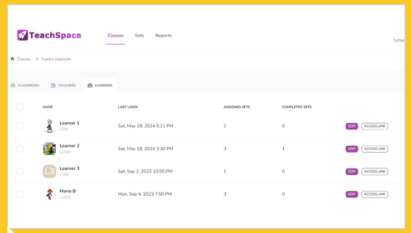
E SET

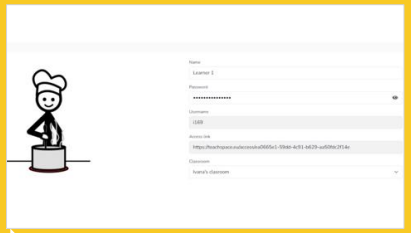
SAVE SET

How do students access TeachSpace









TeachSpace

Classes Sets Reports

Classes

Ivana's clasroom

my class

VIEW

new classroom

learners level 1 and 2

VIEW

Create new classroom

TeachSpace

Classes Sets Reports

Classes > Ivana's clasroom

CLASSROOM TEACHERS LEARNERS

Name

Ivana's clasroom

Description

my class

TeachSpace

Classes Sets Reports

IVPet

Classes > Ivana's clasroom

CLASSROOM TEACHERS LEARNERS

NAME	LAST LOGIN	ASSIGNED SETS	COMPLETED SETS	
Learner 1 i169	Sat, May 18, 2024 5:11 PM	2	0	EDIT ACCESS LINK
Learner 2 s2169	Sat, May 18, 2024 3:30 PM	3	1	EDIT ACCESS LINK
L3 Learner 3 s169	Sat, Sep 2, 2023 10:00 PM	1	0	EDIT ACCESS LINK
Mario B s1691	Mon, Sep 4, 2023 7:50 PM	3	0	EDIT ACCESS LINK

Name

Learner 1

Password

••••••••••••••••

Username

i169

Access link

https://teachspace.eu/access/ea0665e1-59dd-4c91-b629-aa50fdc2f14e

Classroom

Ivana's clasroom

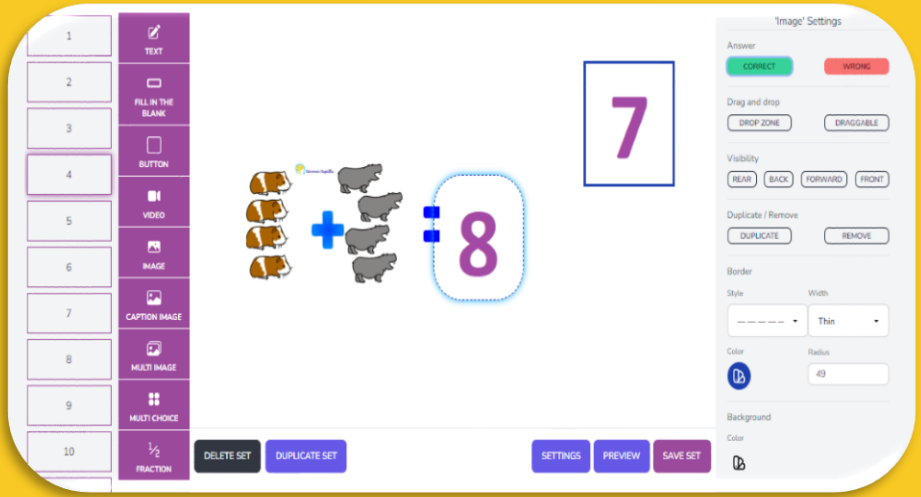
03

Customizing Digital Content for Individual Needs in TeachSpace

Demonstrations and Hands-on activities

Individual work (50 min)

- Each assignment includes teaching material and pre-prepared image files.
- You need to digitalise the teaching material using TeachSpace and create a set of slides, **considering the advantages and limitations of TeachSpace.**
- **Don’t forget to publish your set**
- Each participant selects a random number from 1-30.



Presentations

04

Collaboration and Community Building with TeachHub

Functionalities and features of the TeachHub app

What is TeachHub

teachhub.eu

Collaborative platform for open educational resources (OER) created by educators, for educators, designed to work seamlessly with TeachSpace.

Access digital OER

Import and Edit

Share your work

- Search the collection of accessible teaching materials for engaging learning experiences.
- Save copies of sets to your TeachSpace library for easy customization and assigning to learners.
- Showcase your OER to a vibrant European community of professionals

License and attribution

fostering a culture of open sharing and collaboration while respecting intellectual property rights

CC BY-NC-SA 4.0

This license enables users to distribute, remix, adapt, and build upon the material in any medium or format for noncommercial purposes only, and only so long as attribution is given to the creator. If you remix, adapt, or build upon the material, you must license the modified material under identical terms.

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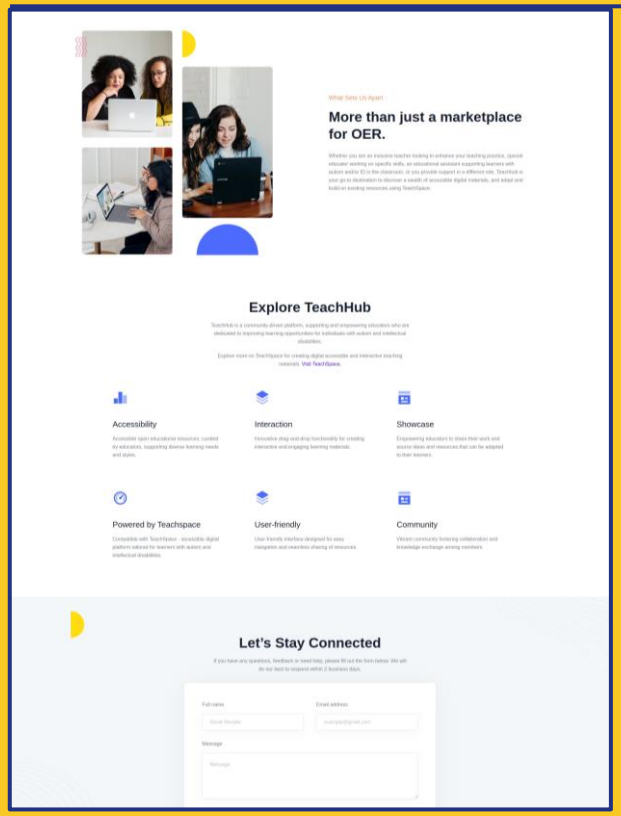
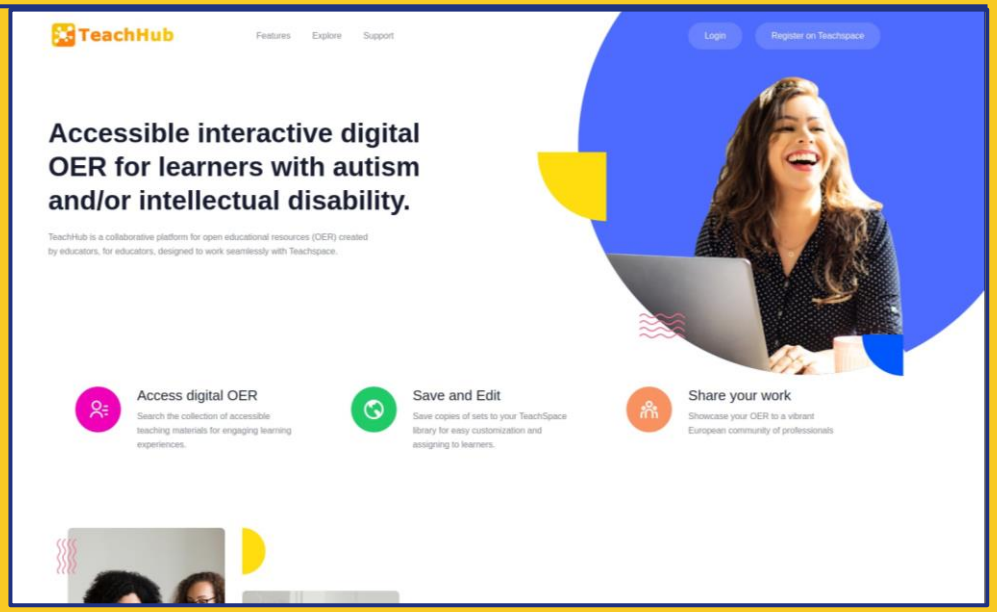
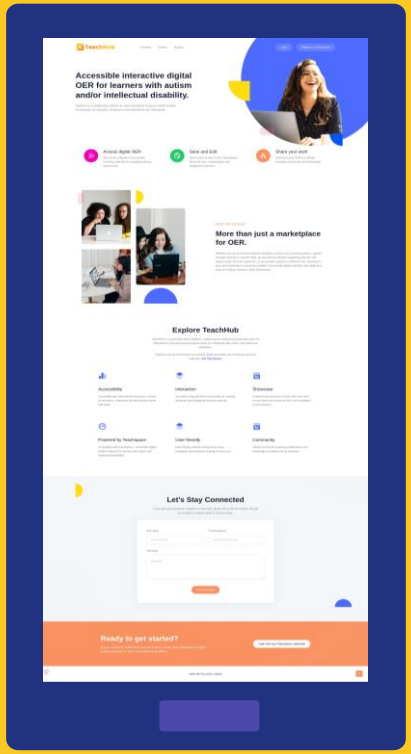




DESIGN

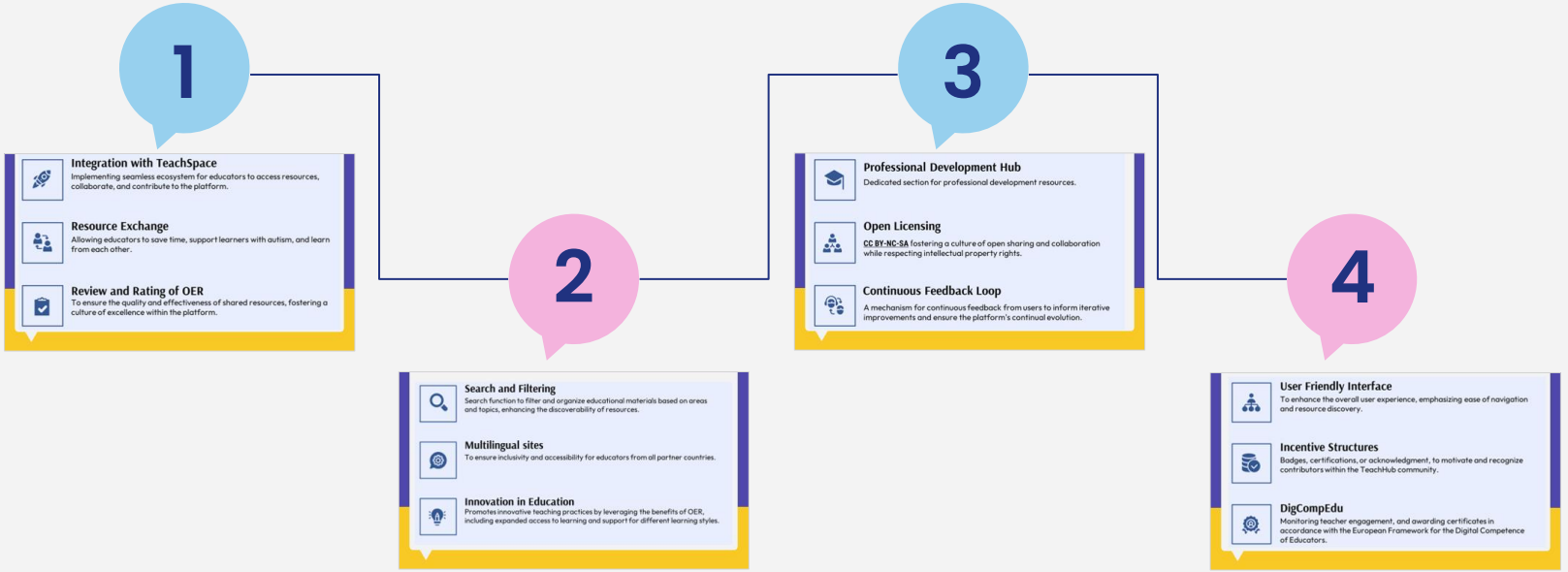
Minimal, professional and modern design can help to visually communicate the concept or idea being proposed.



FULLY RESPONSIVE

Optimized for seamless usability across all devices, including desktop computers, laptops, tablets, and smartphones.

The features



Integration with TeachSpace

Implementing seamless ecosystem for educators to access resources, collaborate, and contribute to the platform.

Resource Exchange

Allowing educators to save time, support learners with autism, and learn from each other.

Review and Rating of OER

To ensure the quality and effectiveness of shared resources, fostering a culture of excellence within the platform.

Search and Filtering

Search function to filter and organize educational materials based on areas and topics, enhancing the discoverability of resources.

Multilingual sites

To ensure inclusivity and accessibility for educators from all partner countries.

Innovation in Education

Promotes innovative teaching practices by leveraging the benefits of OER, including expanded access to learning and support for different learning styles.

Professional Development Hub

Dedicated section for professional development resources.

Open Licensing

CC BY-NC-SA fostering a culture of open sharing and collaboration while respecting intellectual property rights.

Continuous Feedback Loop

A mechanism for continuous feedback from users to inform iterative improvements and ensure the platform's continual evolution.

User Friendly Interface

To enhance the overall user experience, emphasizing ease of navigation and resource discovery.

Incentive Structures

Badges, certifications, or acknowledgment, to motivate and recognize contributors within the TeachHub community.

DigCompEdu

Monitoring teacher engagement, and awarding certificates in accordance with the European Framework for the Digital Competence of Educators.

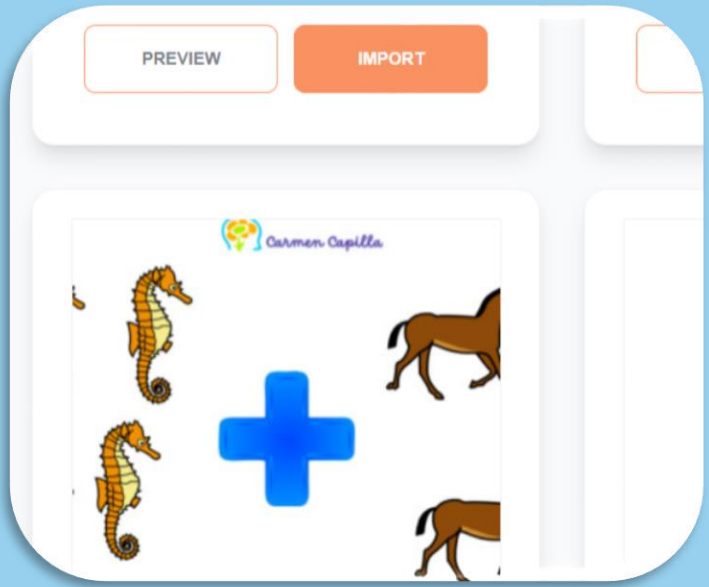
TeachHub progression levels

(based on **DigCompEdu**)

TeachHub

Individual work (10 min.)

- Log in at TeachHub using your TeachSpace credentials
- Find a set that you like and import it to your account

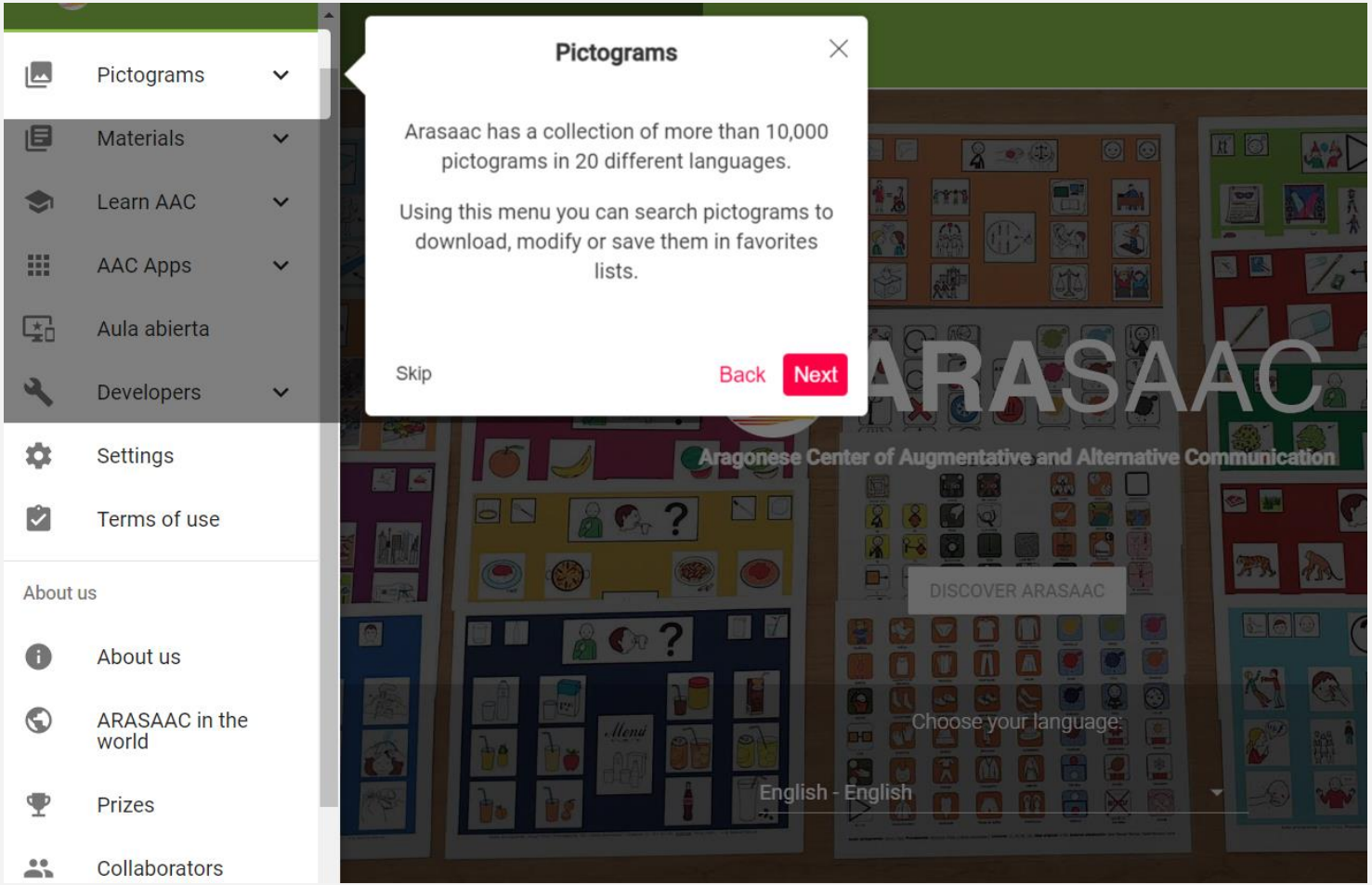


05

Accessing Open Educational Resources for autism and ID

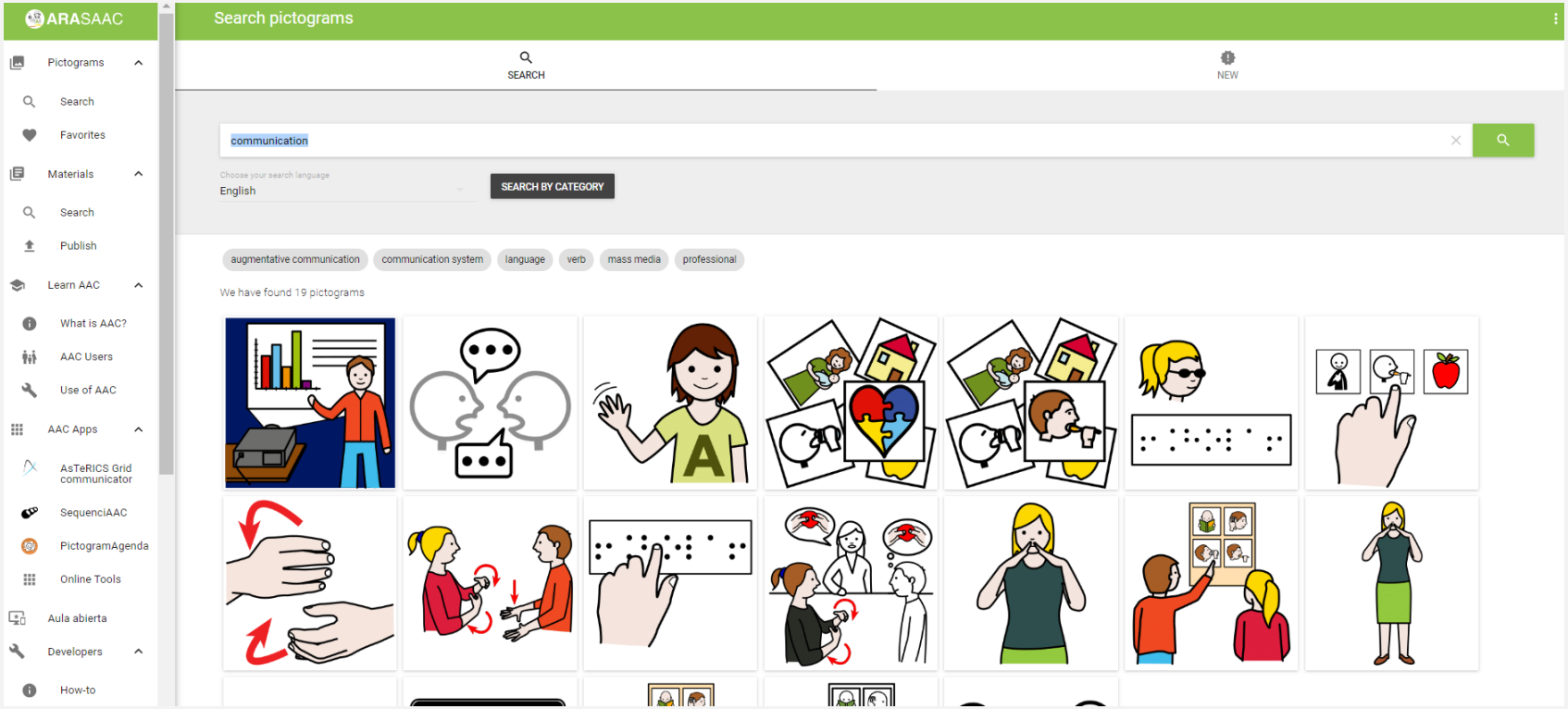
Sourcing open educational resources (OER) relevant to autism and intellectual disabilities

ARASAAC
Aragonese Center of Augmentative and Alternative Communication
DISCOVER ARASAAC
Choose your language:
English - English


Pictograms
Materials
Learn AAC
AAC Apps
Aula abierta
Developers
Settings
Terms of use
About us
About us
ARASAAC in the world
Prizes
Collaborators
Pictograms
Arasaac has a collection of more than 10,000 pictograms in 20 different languages.
Using this menu you can search pictograms to download, modify or save them in favorites lists.
Skip
Back
Next
ARASAAC
Aragonese Center of Augmentative and Alternative Communication
DISCOVER ARASAAC
Choose your language:
English - English

AAC Symbols

Materials


ARASAAC
Search pictograms
Pictograms
Search
Favorites
Materials
Search
Publish
Learn AAC
What is AAC?
AAC Users
Use of AAC
AAC Apps
AsTeRICS Grid communicator
SequenciAAC
PictogramAgenda
Online Tools
Aula abierta
Developers
How-to
SEARCH
NEW
communication
Choose your search language
English
SEARCH BY CATEGORY
augmentative communication
communication system
language
verb
mass media
professional
We have found 19 pictograms

ARASAAC

- Пиктограми
- Търсене
- Любими
- Материали
- Търсене
- Публикуване
- Изучаване на ДАК
- Какво е ДАК?
- Потребители на ДАК
- Използване на ДАК
- AAC Apps
- Aula abierta
- Разработчици

ACTIVIDADES: CONTEO-INHIBICIÓN

21 февруари 2024 22:29 (преди 17 часа)

Con estas actividades trabajamos el conteo del 1- 5 y del 1-10, pero también ayudan a estimular la atención, la memoria y la concentración.

Лист за упражнение | Карти | Математика | Нумерация | Изпълнителни функции

MATERIAL TEACCH - CUADROS DE DOBLE ENTRADA

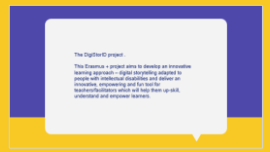
21 февруари 2024 19:44 (преди 19 часа)

Material manipulativo tipo TEACCH de razonamiento lógico y matemático preparado para recortar, plastificar y poner velcro. Se incluyen cuadros de doble entrada para trabajar:* Tamaños y Formas* Colores y Formas

Материал TEACCH | Математика | Геометрия

MATERIAL INTERACTIVO: CREANDO FRASES

20 февруари 2024 22:30 (преди 2 дена)



What other sources of OER are YOU using in your practice?

The DigiStorID project .

This Erasmus + project aims to develop an innovative learning approach – digital storytelling adapted to people with intellectual disabilities and deliver an innovative, empowering and fun tool for teachers/facilitators which will help them up-skill, understand and empower learners.

Communicate SymWriter (formerly Writing with Symbols) – A different approach to writing, reading and literacy development, this program is a talking word processor that matches symbols to words to help learners of all ages and abilities increase comprehension and fluency.

Writing activities challenge learners with a focus on creating summaries, biographies, letters, persuasive papers, reports and reviews. A great tool for learners with limited spelling abilities or those who have trouble accessing a keyboard, SymWriter comes equipped with symbol-supported grids for writing, making independent engagement in assignments and projects possible for all learners.

PictureSET – a collection of downloadable visual supports that can be used by learners for both receptive and expressive communication in the classroom, at home, and in the community.

This searchable database allows you to find a wide range of useful visual supports for different curriculum areas, activities, and events. PictureSET resources are created and updated by dedicated professionals working with learners in British Columbia.

Global Symbols is a place to discover and publish Alternative and Augmentative Communication (AAC) symbol sets in 20 different languages.

Global Symbols has a rich collection of high-quality symbols and free Board Builder and Symbol Creator.

Indiana Resource Centre for Autism – Free visuals organised by topic provided in accessible documents that typically can be modified and customized to fit the needs of specific situations.

Thank you for your attention!

Do you have any questions?

Learn more about ISEC-ADE at isec-ade.eu

ISEC - ADE

Accessible digital education for learners with autism and intellectual disabilities: Innovating solutions and enhancing educators' competences
ISEC-ADE - Erasmus+ Project 2021-1-CY01-KA220-SCH-000027701

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