Assistive Technology & Accessible Educational Materials Center

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Our Mission

To be a centralized responsive resource center that empowers individuals with disabilities by providing accessible educational materials (AEM), access to assistive technologies and highly specialized technical assistance and professional development support.

We Believe...

AT and AEM is a key to accessibility.
What is assistive technology (AT)?
Hardware and software that assist students with disabilities to access, participate, and/or be more independent.

<table>
<thead>
<tr>
<th>Low-Tech</th>
<th>Mid-Tech</th>
<th>High-Tech</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pencil grips</td>
<td>Tape/digital recorders</td>
<td>Word processors</td>
</tr>
<tr>
<td>Specialty paper</td>
<td>Talking calculators</td>
<td>Mapping/embossing software</td>
</tr>
<tr>
<td>Highlighters</td>
<td>Portable keyboards</td>
<td>Communication devices</td>
</tr>
<tr>
<td>Highlighting tape</td>
<td>Electronic spell checkers/dictionaries</td>
<td>Tablet computers</td>
</tr>
<tr>
<td>Planners</td>
<td>Scanning pens</td>
<td>Motorized wheelchairs</td>
</tr>
<tr>
<td>Adapted furniture, tools, and utensils</td>
<td>Audio books</td>
<td>Speech synthesis software</td>
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<tr>
<td>Vekoro</td>
<td>MP3 players</td>
<td>Speech recognition software</td>
</tr>
<tr>
<td>Large print books</td>
<td>Switches</td>
<td></td>
</tr>
<tr>
<td>Magnifiers</td>
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</tbody>
</table>

What are accessible educational materials (AEM or AIM)?
Print and technology based educational materials that are designed or converted in such a way as to make them usable across the widest range of student variability.

Examples:
- Large Print
- Braille
- Audio
- Digital
- Graphic

Resources
Accessing our Resources ataem.org

Professional Development

AT Device Lending Library

INTRODUCING SIFTS
STUDENT INVENTORY FOR TECHNOLOGY SUPPORTS

www.atinternetmodules.org

...87 Counties in Ohio, all 50 States & 50 Countries
ATIM Users and Partners

11,295 users and counting!

ATIM User Stats

Number of ATIM Users vs. Date

<table>
<thead>
<tr>
<th>Adult Learners</th>
<th>Online Learning with ATIM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connect new content to prior learning</td>
<td>Case studies</td>
</tr>
<tr>
<td>Self-regulated learning</td>
<td>Modules available 24/7</td>
</tr>
<tr>
<td>Education must apply to specific needs</td>
<td>Wide variety of AT topics</td>
</tr>
<tr>
<td>Prefer multiple learning modalities</td>
<td>Case studies, videos, advanced organizers, discussion questions, activities</td>
</tr>
<tr>
<td>Prefer personalized learning</td>
<td>Self-paced modules; supplementary materials to extend learning</td>
</tr>
</tbody>
</table>
To SIGN UP, enter your name, email and demographic information

The HELP button is available to direct you to assistance while you are accessing the modules.
# Advanced Organizer

## Video Welcome

### Video Transcript

**Pre-Assessment**

### Table of Contents:

<table>
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<th>Module</th>
<th>Topic</th>
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<td>Introduction</td>
<td>Video Welcome</td>
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<tr>
<td>Pre-Assessment</td>
<td>Pre-Assessment</td>
</tr>
</tbody>
</table>

### Questions:

1. What is the goal of the pre-assessment?
2. How can the pre-assessment help in determining the learning needs of the student?
3. What tools or methods are used in the pre-assessment process?

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**Pre-Assessment Questions:**

- What are the student's current strengths and weaknesses?
- How can technology be used to support the student's learning?
- What accommodations are needed to ensure success?

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**Video Transcript:**

- Introduction to the Advanced Organizer and its purpose.
- Explanation of the video content and objectives.
- Demonstration of the pre-assessment tools and strategies.

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**Pre-Assessment:**

- Analysis of student data and performance.
- Identification of areas for improvement.
- Development of individualized learning plans.

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**Advanced Organizer:**

- Overview of the organizer and its role in the educational process.
- Instructions for using the organizer effectively.
- Tips for integrating technology in the teaching-learning process.
## FAQs

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is assistive technology assessment?</td>
<td>Assistive technology assessment is a process used to identify and recommend appropriate assistive technologies for individuals with disabilities.</td>
</tr>
<tr>
<td>Why is it important?</td>
<td>Assistive technology assessment helps to ensure that students with disabilities have access to appropriate accommodations and support services.</td>
</tr>
<tr>
<td>What does AT mean?</td>
<td>AT stands for Assistive Technology.</td>
</tr>
</tbody>
</table>

## Citations and References

**Citation:**

**References:**


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## Resources

**Supplementary Materials:**

1. Tools and Strategies for Assistive Technology.
The Problem….

IEP teams know their student’s:
• Strengths and needs
• Environments
• Tasks

But often have difficulty matching those to technology features to support student learning and life tasks…
Welcome to the Student Inventory for Technology Supports (SIFTS). The SIFTS is a tool to assist school teams in matching a student's needs with assistive technology (AT) features.

**OCALI Pass - Account Creation**

- **Required Fields**: First Name
- **Last Name**
- **Organization**
- **Mailing Address Type**
  - Yes

**OCALI Pass - Login**

- **Email**
- **Password**
- **Login**
Select a Domain and then Create Profile
Welcome, Jan Rogers

You currently have 2 students in your dashboard. To create a profile for an existing student, select the student and a domain, and then click "Create Profile". To add an additional student, click "Add a Student".

Entries include:

- **Class Details**: Name, Student ID, Profile Type
- **Profile Dates**: Date added, last updated
- **Profile History**: Details on each profile creation, last update, and archive status

Options for each student:

- **Add a Student**
- **Select a Domain**
- **Create Profile**
- **Archive Student**

Date Updated: 2/3/17
Bolded key words to increase understanding and speed of use
Round buttons – select 1
Square buttons – select all that apply

Question using previous responses

SETT Framework
Text Descriptions

Frequently Used Vocabulary

For a beginning communicative, the vocabulary is selected based on core words and high-frequency words frequently used by the student. Core vocabulary describes a small set of basic words in any language that are used frequently and across contexts (Cross, Baker, Kinsella, & Staton, 2003). Core words tend to be pronouns, verbs, and demonstrate because they represent words that generally do not change meaning (Robbins, 1998). Words like the, in, at, give, eat, go, and you are examples of core vocabulary terms used every day in many situations. Research shows that 80% of what we say is communicated with only the 200 most basic words in our language (Baker & Hill, 2003). A frequently used vocabulary system typically consists of a single communication board containing all vocabulary words/spreadsheets. Examples of frequently used vocabulary systems would include: Core HD, Unity, PictureThis Power, or the Magic Touch system.

Additional Resources:
- Adult Core Vocabulary List
- Preschool Core Vocabulary List
- Toddler Core Vocabulary List

Pictures

Frequently Used Vocabulary

![Image of core vocabulary cards](image)
Video

SpringBoard Lite
Self-Study Course

Language Discussion of Core Vocabulary

PRC

atfeaturematching.org
sifts.ocali.org
AT Device Lending Library

http://www.ocali.org/project/lending_library
1. AT Devices
   • AAC
   • Hearing
   • Vision
   • Switch Access
   • Mobile Devices
   • AT Kits
   • Magnification
   • FM Systems
   • Computer Access
   • Braille and Braille Related Devices

2. AT Assessment Tools

3. AT Textbooks and Books

4. Multimedia Resources

http://www.ocali.org/project/lending_library
Supporting Video and Activity Ideas

AT Device Lending Library
http://www.ocali.org/project/lending_library

Questions?