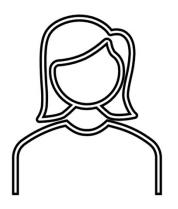
Technology Throughout the Employment Process: A Webinar Series Technology Strategies for Communication and Behavior

Support

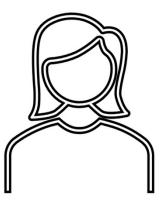


This webinar is offered by the Institute for Community Inclusion at UMass Boston, in partnership with the Massachusetts Department of Developmental Services. www.employmentfirstma.org

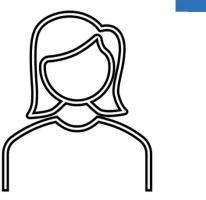
Instructors



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Agenda

- Discuss relationship between communication and behavior
- Identify signs of ineffective communication skills
- Learn strategies to increase effective communication skills of job seekers
- Understand how to identify functions of behaviors and brainstorm replacement behaviors
- Discover tech-based strategies to increase communication and behavioral success at work
- Question and Answer session from 10-10:30 am (optional)

Domains of Technology

There are many domains of technology. The domains we will primarily cover today are:

Assistive Technology

Any item, piece of equipment, or product system, whether acquired commercially off the shelf, modified, or customized, that is used to increase, maintain, or improve functional capabilities of individuals with disabilities.

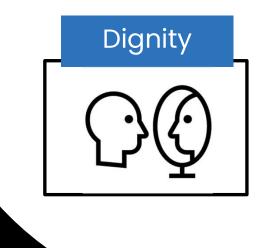
- Augmentative and Alternative Communication (AAC)

Communication devices, systems, strategies, and tools that replace or support natural speech.

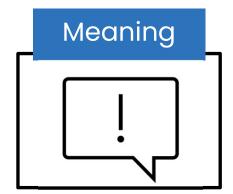
Educational Technology

A combination of computer hardware, software, and educational practices that facilitate learning.

Why does communication matter?







Ineffective Communication & Behavior

When emotions, feelings, opinions, and thoughts cannot effectively be expressed via a communication system, they are often expressed via observable behavior.

Examples: frustration, anger, boredom, fear, anxiety, etc.

What do we mean by *behavior*?

- Behavior is simply the way a person is conducting themselves in a certain environment
- "Behavior" can often be used in a negative manner, but in truth, everyone is "behaving" in a certain way all the time.
 - There are many factors that contribute to the way people behave
 - There are many factors that contribute to how people controlor lose control of- their behaviors

What is "stimming"?

- Stimming, or self-stimulatory behaviors are atypical behaviors that are often repetitive
 - Can be a component of autism or other similar diagnoses
 - Are often a way for a person to regulate or cope with stress
 - Often cannot be easily stopped or controlled by the individual, but can sometimes be replaced and/or shaped

Functional Communication

S:

- Understandable to many
- Effective for the messages a person wants to convey
- As user-friendly as possible
- Satisfactory (or better) to the user
- Accessible at all times
- Culturally and age aligned

Is not:

- Only understandable to a select few
- Insufficient for the messages a person wants to convey
- Inaccessible to the user, physically or otherwise
- Cumbersome to the user
- Short-term or temporary

Failing to facilitate a means for communication is harmful.

Communication Considerations

Learn more about:

- receptive language (what a person can understand/ comprehend)
- expressive language (what a person can express)
- \circ literacy (what a person can read and write)
- memory (what a person remembers over time)
- cognitive load (how much a person can process at once)
- physical and motor ability

Behavior Challenges: Analyzing the Situation

- Is this a real problem?
- Is it fair to change behavior?
- What is the history of the behavior?
- What is the person getting from engaging in the behavior?

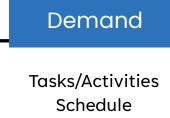
Remember:

- Nearly all behaviors serve an adaptive purpose.
- All behaviors will not respond to same intervention.

Behavior Challenges: Describe the Behavior

- What does the behavior look like?
- When does it occur?
- Where does it occur?
- With whom does it occur?
- Is the behavior rhythmic or cyclical?
- Are there physical symptoms with the behavior (ex: headache)?

What impacts the behavior?



Cognitive Load Expectations

Environment

Physical (or Sensory) Social/Culture Internal experience

Reinforcement

Response from others Increased expression Decreased stress Get desired outcome

Behavior Challenges: Finding Solutions

- Preventative Strategies
 - How can behavior be reduced by changing conditions?
 - Identify ways to prevent the behavior from occurring
 - Increase communication options and reduce cognitive load
 - Plan and schedule breaks accordingly
- Find Alternatives
 - Work to find suitable replacement behaviors that meet the need
- Plan a Response
 - Develop a protocol for managing behaviors that is respectful, person-centered, and in line with the values of the individual
 - Create routine and predictability when possible
- Stay in line with Positive Behavior Supports (PBS) to ensure dignity, health, and safety (115 CMR 5.14)

Communication Supports

people	him	his	family	mom	dad	grandma	grandpa	aunt	uncle	parent	person
mine	her	hers	friend	them	their	sister	brother	girl	boy	woman	man
PEOPLE D		PLACES		SOCIAL L	DESCRBL	1	A.	-ed	-ing	-5	-/6
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my	don't	A	S	D	F	G	H	٦,	K	L	bksp D
it	not	Shift 123	Z	X	C	space	V	B	N	M	•
he	is	to	be-	come	eat	drink		at	and	a-	the
she	are	do	did	go	get	help	like	for	in	on	that
they	was	can	could	make	need D		put	read	of	off	this
we	have	will	would	say	see	stop	take	talk	up 1	out	any- or every- if
you	your		want	tell	think	turn	watch	work	down	with	clear

TouchChat with Word Power Flip Book

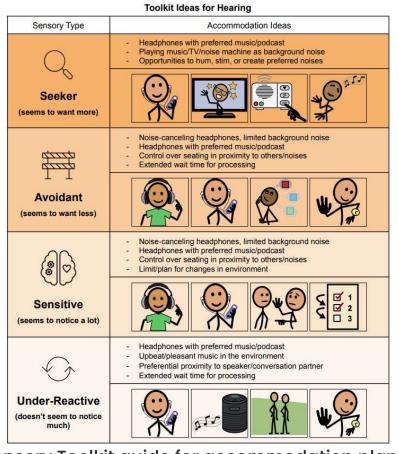
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How are y	ou?	Today	can spe What w		e to talk abo	out?		Help	?	Please
My name i	is David.	Today						Excuse	me 1	Thank you
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Proloquo4Text iPad Screenshot

Emotional/Sensory Regulation

Name:	My	Coping Skills	Plan	
How I feel:				
\bigcirc				
Нарру	Sad	Worried	Frustrated	Mad
What upsets me: My body shows I'm	n upset by:			
Things I can do to f	eel better:			
Others can help me	e by:			

Coping Skills Plan to work through dysregulation



D)

Sensory Toolkit guide for accommodation planning

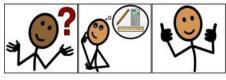
Self-Care Planning

Steps to Making a Self-Care Plan (with icons)

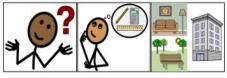
1) What need do I have that isn't being met? What does my body or my emotions tell me about this need?



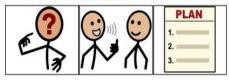
2) What will help get this need taken care of? Think of something that is soothing or helpful when that need occurs.

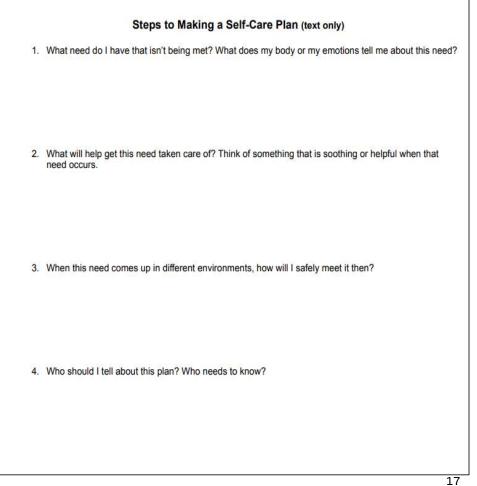


3) When this need comes up in different environments, how will I safely meet it then?



4) Who should I tell about this plan? Who needs to know?



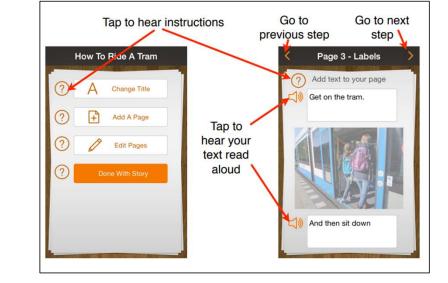


Visuals for task completion



Visual Instructions



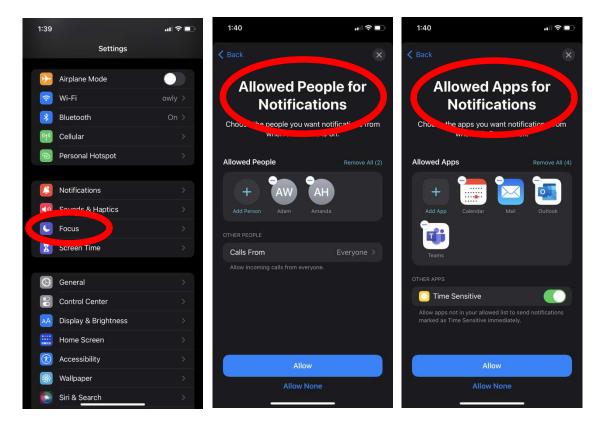


Pictello (app for using personalized text and photos to create stories or event sequences)

Redirecting habits



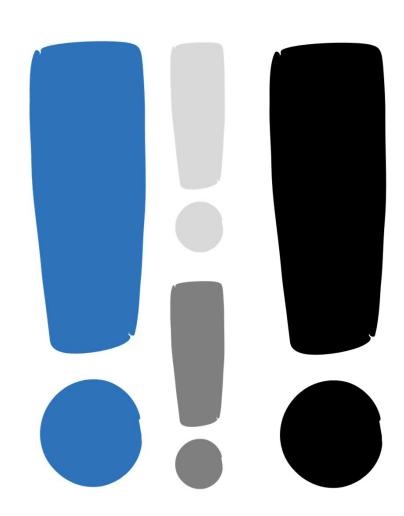
Keen by HabitAware



Apple iOs Settings, Focus feature

Technology Best Practice

- Technology solutions are individualized
- Preferred technology is accessible to and used by the individual
- Technology is solution-focused
- Technology relies minimally, if at all, on direct support
- It is assumed that technology competency will grow over time
- Interactions with the individual include necessary and beneficial technology



A Word from Jennifer Petersen

Department of Developmental Services

Technology Forward



Through the Technology Forward Initiative, the Department of Developmental Services (DDS) will promote the use of *Supportive Technology*. People with disabilities will have an opportunity to use Supportive Technology to live more inclusive and independent lives.

Supportive Technology services offers individuals the opportunity to use Assistive Technology (AT) exclusively or in combination with Remote Supports & Monitoring (RSM) to maximize their potential.

WHAT IS ASSISTIVE TECHNOLOGY (AT) SERVICES?

- Assistive technology consultation/evaluation is a review of your wants and needs. This is done to identify what AT you could use. The evaluation will be completed by one or all of the following professionals:
 - A licensed professional including OT, PT, SLP
 - A certified AT Professional (ATP)

They will meet you in your home, workplace, or wherever you will use the AT

- 2. Assistive technology devices are the equipment or devices recommended through the AT evaluation. DDS covers the cost if you cannot afford, or if the item is not insurance billable.
- 3. Assistive technology support is the set-up of AT equipment, education, and training to help you use assistive technology.

Who is eligible and how to access Assistive Technology Services offered by the Department of Developmental Services (DDS)?



If you been determined eligible for DDS services through the Intake and Eligibility process, you can access Assistive Technology Services.

For individuals who are 22+ or 18 + and no longer in school, the following steps should be followed to assist people to access assistive technology services to promote their independence:

1. Complete the DDS Assistive Technology Screening Assessment to identify areas that person has barriers and which areas they would like to have greater independence.

2. Send the completed assessment to the person's DDS Service Coordinator and request a referral to a contracted <u>Assistive Technology Provider</u>. (*Community based Organizations*)

For individuals who are less than 22 and have flexible funding available through family support or the DESE/DDS partnership program, the family *can choose* to use such flexible funding to pay for assistive technology services:

How are flexible funding/stipend allocations administered? Families can receive their flexible Funding allocation in the following ways:

- Reimbursement from the Family Support Provider to the family for expenses incurred for allowable services and/or goods;
- Direct payment to a vendor by the family support provider for specific allowable goods and services requested by the family.

Follow steps 1-2 noted above

Department of Developmental Services:

https://www.mass.gov/supportive-technology

Supportive Technology Information about assistive technology and remote supports and monitoring	
Through the Technology Forward Initiative, the Department of Developmental Services (DDS) will promote and develop the use of Supportive Technology as an opportunity for more inclusive and independent lives for people with disabilities. Supportive Technology is the use of Assistive Technology (AT) exclusively or in combination with Remote Supports & Monitoring (RSM) to support individuals to maximize their potential.	
What you need to know	
More on Assistive Technology & More on Remote Supports & Providers >	<u>Collapse all</u>
Additional Resources	(8) —
DDS Use of Technology that Monitors or Tracks Guidance 2022 * Technology Forward Report (July 2021) * DDS Technology Forward Initiative April 2021 (English, PPTX 1.93 MB) Supportive Technology Services Description (English, PDF 264.81 KB) Remote Support and Monitoring Qualified Provider List (English, PDF 117.55 KB)	



Useful Resources

- Department of Developmental Services: <u>https://www.mass.gov/supportive-technology</u> <u>https://www.mass.gov/news/dds-releases-new-positive-behavior-support-pbs-regulations</u>
- Massachusetts Rehabilitation Commission: https://www.mass.gov/service-details/mrc-il-assistive-technology-program
- JAN https://askjan.org/
- ICI Covid Publications https://covid19.communityinclusion.org/
- Planning for Autism
 https://planningforautism.com/education/for-autistic-learners/

Thank you!

Survey: https://umassboston.co1.qualtrics.com/jfe/form/SV_81Xa5ZpZixfKs62

Next Webinar: Technology Tools for Employment Professionals

May 23, 2023

9-10:30AM ET

Stick Around for Q & A Session (optional)