Effective Practices and Predictors of Post-School Success

NTACT is charged with assisting stakeholders in implementing evidence-based and promising practices and predictors that promote positive post-school outcomes for all students with disabilities. Effective practices and predictors have been identified based on the amount, type, and quality of the research conducted, and are labeled as either (a) evidence-based, (b) research-based, or (c) promising. Currently NTACT is not identifying "unestablished" practices, but recognizes there are practices in the field for which there is not yet evidence of effectiveness.

The following table describes effective practices (based on experimental research) and predictors (based on correlational research) around the five core transition services that were outlined in the previous section. To learn more about EBPS and predictors follow the links below to the NTACT website.

Best Practices for Pre-Employment Transition Services

Joh Funlavetion Counceling

Recently a GAO-18-502 report titled "Students with Disabilities: Additional Information from Education Could Help States Provide Pre-Employment Transition Services" noted states indicated the need for "additional assistance with identifying best practices" (p. 26). The following table from OSERS' National Technical Assistance Center on Transition (NTACT) Competitive Integrated Employment Toolkit provides a starting point for state and local Vocational Rehabilitation and Special Education agencies. (Note: An asterisk * denotes examples of job exploration counseling that can be provided by VR under pre-employment transition services)

Job Exploration Counseling Job Exploration Counseling, or Career counseling/ guidance includes a wide variety of activities which help students explore career options and opportunities available. Job exploring options are intended to foster motivation, consideration of opportunities and informed decision-making.				
*Career Speakers				
Promising Practices • Career Exploration Services	Predictors • <u>Career Awareness</u>			
Career Student Organization				
Research-Based Practices • Adult Advocate for dropout prevention • Career exploration to increase career search efficacy	Career Awareness Youth Autonomy and Decision Making Vocational or Career & Technical Education Occupational Courses			

Career Vocational Assessment				
Promising Practices	Predictors			
Supported Employment	Career Awareness			
Career Exploration Services	Occupational Courses			
Career exploration to increase	Community Experiences			
career search efficacy	Vocational Education			
Course of Study Alignment with Career				
Evidenced-Based Practices	Predictors			
Published curricula to teach student	Career Awareness			
involvement in the IEP	Occupational Courses			
	Program of Study			
	Transition Program			
	Vocational Education			
Discovery				
Promising Practices	Predictors			
 Whose Future is it Anyway? To 	Career Awareness			
teach self-determination	Transition Program			
	Community Experiences			
	Parent/Family Involvement			
	Parent Expectations			
Informational Interviews				
Promising Practices	Predictors			
Community based instruction to	Career Awareness			
teach communication skills	Community Experiences			
Video Modeling to teach	<u>community Experiences</u>			
interviewing skills				
Career Exploration Services				
*Interest and Ability Inventories				
Promising Practices	Predictors			
 <u>Career Exploration Services</u> 	 Career Awareness 			
	<u>Transition Program</u>			
Job Shadowing				
Research-Based Practices	Predictors			
 <u>Career Exploration Services</u> 	 <u>Career Awareness</u> 			
 Community Based instruction to 	 Occupational Courses 			
teach communication skills	• Work Study			
 Community Based instruction to 				
teach community integration skills				
*Labor Market Statistic and Trends				
Promising Practices	Predictors			
 <u>Career Exploration Services</u> 	• <u>Career Awareness</u>			

Work Based Learning

Work Based Learning (WBL) is an educational approach or instructional methodology that uses the workplace or real work to provide students with the knowledge and skills that will help them connect school experiences to real-life work activities and future career opportunities. These opportunities are meant to engage, motivate, and augment the learning process and should be provided in the most integrated setting possible.

*Apprenticeships

Research Based Practices

- Response Prompting to teach Employment Skills
- <u>Self-Management Instruction to</u> teach Job specific skills

Predictors

- Career Awareness
- Community Experiences
- <u>Vocational Education</u>
- Work Study

Promising Practices

- Computer Assisted Instruction to teach job skills
- <u>Teaching employment skills using</u> <u>community based instruction</u>
- <u>Using an extension of services after</u> graduation to promote increased financial skills
- <u>Using Least to Most Prompts to</u> teach specific job skill
- DARS Force

*Business Mentors

Research-Based Practices

- <u>Supported Employment</u>
- Impact of counselor education and consumer outcomes
- Adult Advocate for dropout prevention

Promising Practices

Strong Business Model

Predictors

- Career Awareness
- Occupational Courses
- Community Experiences

*Career Mentorship

Research Based Practices

- Response Prompting to teach
 Employment Skills
- <u>Self-Management Instruction to teach Job specific skills</u>
- Adult Advocate for dropout prevention

- Community Experiences
- Career Awareness
- Work Study

graduation to promote increased

• Using Least to Most Prompts to

teach specific job skill

financial skills

Promising Practices Computer Assisted Instruction to teach job skills Using an extension of services after graduation to promote increased financial skills • <u>Career exploration to</u> increase career search efficacy *Career Related Competitions Research Based Predictors • Simulation to teach social skills Career Awareness • Self-monitoring to teach functional Vocational Education life skills Vocational or Career & Technical **Promising Practices** Education Computer Assisted Instruction to teach job skills *Informational Interviews Research Based Practices Predictors Community based instruction to Community Experiences teach communication skills • <u>Career Awareness</u> **Promising Practices** Paid Employment/Work Experiences Video Modeling to teach Work Study interviewing skills • <u>Career Exploration Services</u> *Internships **Research Based Practices Predictors** Response Prompting to teach Community Experiences **Employment Skills** • <u>Career Awareness</u> Community based instruction to Paid Employment/Work Experiences teach communication skills Work Study **Promising Practices** • <u>Computer Assisted Instruction</u> to teach job skills Teaching employment skills using community based instruction Using an extension of services after

Job Clubs

Research-Based Practices

- Community Based instruction to teach communication skills
- Simulation to teach social skills

Promising Practices

- <u>Take Action: making goals happen</u> <u>curriculum to teach goal-setting and</u> attainment
- Video Modelling to teach interviewing skills to students with autism
- Career Exploration Services

Predictors

- <u>Career Awareness</u>
- <u>Self-Advocacy/Self determination</u>

Job Shadowing

Research Based Practices

- Response Prompting to teach Employment Skills
- <u>Self-Management Instruction to</u> teach Job specific skills
- Career Exploration Services
- Community Based instruction to teach communication skills
- <u>Community Based instruction to</u> teach community integration skills

Promising Practices

- <u>Computer Assisted Instruction to</u> teach job skills
- <u>Teaching employment skills using</u> community based instruction
- <u>Using Least to Most Prompts to</u> teach specific job skill

Predictors

- Community Experiences
- Career Awareness
- Paid Employment/Work
 Experiences
- Work Study

*Non-paid Work Experience

Research Based Practices

- Self-Management Instruction to teach Job specific skills
- Community Based Instruction to teach communication skills
- Response prompting to teach employment skills

- Career Awareness
- <u>Community Experiences</u>
- Work Study
- Parent Expectations
- Travel Skills

Promising Practices

- Computer Assisted Instruction to teach job skills
- <u>Teaching employment skills using</u> community based instruction
- Community Based Instruction to teach employment skills
- <u>Using Least to Most Prompts to teach</u> <u>specific job skill</u>
- Soft skills training

*On-the-job Training

Research Based Practices

• Response Prompting to teach Employment Skills

Promising Practices

- Computer Assisted Instruction to teach job skills
- <u>Teaching employment skills using</u> <u>community based instruction</u>
- <u>Using Least to Most Prompts to</u> teach specific job skill
- Embedded Training Program

Predictors

- Community Experiences
- <u>Vocational Education</u>
- Work Study

*Paid Employment

Research Based Practices

- <u>Supported Employment for competitive integrated employment</u>
- <u>Self-Management Instruction to</u> teach Job specific skills

Promising Practices

- <u>Using Least to Most Prompts to teach</u> specific job skill
- <u>Video Prompt to teach office tasks to</u> <u>students with ID</u>

Predictors

- Community Experiences
- Paid Employment/Work Experiences
- Parent Expectations
- Travel Skills
- Social Skills

*Service Learning

Research Based Practices

- Response Prompting to teach
 Employment Skills
- Community Based Instruction to teach communication skills

- <u>Career Awareness</u>
- <u>Community Experiences</u>
- Work Study
- Social Skills

Promising Practices

- <u>Teaching employment skills using</u> community based instruction
- <u>Using Least to Most Prompts to</u> teach specific job skill
- Community based instruction to teach employment skills
- Soft Skills Training
- Community Based Instruction to teach communication skills
- <u>Self-management to teach social</u> <u>skills</u>

*School Work Experience including Student-Led Enterprises

Research Based Practices

- <u>Self-Management to teach job</u> <u>specific skills</u>
- <u>Self-Management to teach social</u> skills
- System of Least-to-Most to teach communication skills

Promising Practices

- Computer Assisted Instruction to teach job skills
- <u>Using Least to Most Prompts to</u> <u>teach specific job skill</u>

Predictors

- <u>Career Awareness</u>
- Work Study
- Paid Employment/Work Experiences
- Social Skills
- Youth Autonomy and Decision Making

*Volunteering

Research-Based Practices

• <u>Community Based Instruction to teach communication skills</u>

Promising Practices

- Computer Assisted Instruction to teach job skills
- <u>Teaching employment skills using</u> community based instruction
- <u>Using Least to Most Prompts to teach</u> <u>specific job skill</u>
- Community based instruction to teach employment skills
- Soft Skills Training
- Community Based Instruction to teach communication skills to student

- <u>Career Awareness</u>
- Vocational Education
- Parent Involvement
- Social Skills

*Work-site tours to learn about necessary job skills

Research-Based Practices

• <u>Community Based Instruction to teach communication skills</u>

Promising Practices

• <u>Career Exploration Services</u>

Predictors

- <u>Career Awareness</u>
- Community Experiences

Counseling on Opportunities for Enrollment in Comprehensive Transition or Post-Secondary Education Programs (includes 4 yr., 2 yr. and training programs)

Maximum flexibility in the career decision making process is important in the early phases of post-secondary education (PSE) planning. This includes gaining an awareness of the wide range of career pathway options and labor market realities and projections.

*Academic Planning

- HS Graduation Pathways that lead to College and Career Readiness
- Advising students and parents on academic curricula
- Information about course offerings

Evidence-Based Practices

- Published curricula to teach student involvement in the IEP
- <u>Self-Determined Learning Model of Instruction (SDLMI) to teach goal attainment</u>

Predictors

- Inclusion in General Education
- Program of Study
- Parent Expectations
- Occupational Courses
- Transition Program
- Youth Autonomy and Decision Making

*Information on Accommodations and Services in Post-Secondary Education

- Resources to support student success in education and training
- Plan for and access adult services
- Identify technology needs
- Documentation of academic accommodations
- Accessibility needs

Evidence-Based Practices

- Published curricula to teach student involvement in the IEP
- <u>Self-Determined Learning Model of Instruction (SDLMI) to teach goal attainment</u>

Research-Based Practices

• Interagency Collaboration

- Self-Advocacy/Self-Determination
- Program of Study
- <u>Transition Program</u>
- Interagency Collaboration
- Parent Involvement
- <u>Inclusion in General Education</u>

*College Affordability Planning

- Completion of FAFSA
- Identify financial aid options

Evidence-Based Practices

- Published curricula to teach student involvement in the IEP
- <u>Self-Determined Learning Model of Instruction (SDLMI) to teach goal attainment</u>

Promising Practices

• Work incentive planning and benefits counseling

Predictors

- Parent Expectations
- Parent Involvement
- Self-Advocacy/Self-Determination
- Students Autonomy/Decision Making

*College and Career Exploration and Selection Process

- College Aspirations
- Transition from high school graduation to college enrollment
- Information about career options
- Types of academic and occupational training needed to succeed in the workplace
- Postsecondary opportunities associated with career fields or pathways
- Attend college fairs and tours
- Provide PSE information to family members
- Connect PSE resources/services/websites

Evidence-Based Practices

- Published curricula to teach student involvement in the IEP
- <u>Self-Determined Learning Model of Instruction (SDLMI) to teach goal attainment</u>

Research-Based Practices

- Whose Future Is It? to teach selfdetermination skills
- <u>Interagency Collaboration</u>

Promising Practices

• <u>Career Exploration Services</u>

Predictors

- <u>Career Awareness</u>
- Students Autonomy/Decision Making
- <u>Self-Advocacy/Self-Determination</u>
- Parent Expectations
- <u>Transition Program</u>
- Program of Study
- <u>Inclusion in General Education</u>
- Parent Involvement
- Interagency Collaboration

*Post-Secondary Education Application and Admissions Process

College application process

Evidence-Based Practices

- Published curricula to teach student involvement in the IEP
- <u>Self-Determined Learning Model of Instruction (SDLMI) to teach goal attainment</u>

- Career Awareness
- Students Autonomy/Decision Making
- Parent Involvement
- Self-Advocacy/Self-Determination
- Transition Program

Workplace Readiness Training to Develop Social Skills and Independent Living

Workplace readiness traits describe a number of skills that employers expect from most employees. Workplace readiness skills are a set of skills and behaviors that are necessary for any job, such as how to interact with supervisors and co-workers; and the importance of timeliness. These skills are sometimes called soft skills, employability skills, or job readiness skills.

*Communication

- Talking/Writing
- Active Listening

Research Based Practices

- <u>Self-Advocacy Strategy to Teach</u> <u>Student Involvement in the IEP</u>
- Simulations to Teach Social Skills
- Response Prompting to Teach Social Skills
- Response Prompting to Teach
 Employment Skills

Promising Practices

- System of least-to-most prompting to teach communication skills
- Community based instruction to teach communication skills
- Backward Chaining to teach functional life skills
- <u>Self-Management to Teach Social Skills</u>
- <u>Self-Monitoring to teach Functional</u>
 Skills
- Computer Assisted Instruction to teach Job Specific Skills

Predictors

- Work Study
- Community Experiences
- Student Support
- Social Skills

*Networking

Research Based Practices

- Simulations to Teach Social Skills
- Response Prompting to Teach Social Skills

Promising Practices

- <u>Self-Management to Teach Social</u> Skills
- Peer Network Interventions to teach social engagement skills

- Social Skills
- Community Experiences
- Work Study
- Parent Involvement

*Orientation and Mobility Skills				
Promising Practices				
Response prompting to teach travel old like	<u>Travel Skills</u>			
skills				
*Financial Literacy	In			
Evidence Based Practices	Predictors			
 <u>Using simulation to teach purchasing</u> <u>skills</u> 	 <u>Community experiences</u> <u>Self-Care/Independent Living Skills</u> 			
<u> </u>	Sen-care/independent Living Skins			
Research Based Practices				
 Community based instruction to 				
teach purchasing skills				
 <u>Least-to-most prompting to teach</u> 				
purchasing skills				
 One-more-than strategy to teach 				
purchasing skills				
 Response prompting to teach 				
purchasing skills				
Promising Practices				
 <u>Using Extension of Services after</u> 				
graduation for Financial Literacy				
Community Based Instruction to				
teach banking skills				
 <u>Using Simulation to Teach Banking</u> 				
<u>Skills</u>				
 Progressive time delay to teach 				
purchasing skills				
 One-more-than strategy to teach 				
counting money				
 Work incentive planning and 				
benefits counseling				
*Problem Solving and Critical Thinking • Decision Making				
Evidence Based Practices	Predictors			
System of least-to-most prompts to	Student Support			
teach functional life skills	Social Skills			
Promising Practices	333.4.3			
<u>Self-Management to Teach Social</u>				
<u>Skills</u>				

Promising Practices (cont.)

- <u>Self-Monitoring to teach Functional</u> <u>Skills</u>
- <u>Self-Determined Learning Model of</u> <u>Instruction to teach goal attainment</u>

*Professionalism

- Enthusiasm and Attitude
- Understanding employer expectations for punctuality and performance
- Respectful

Promising Practices

• <u>Self-Monitoring to teach Functional</u> Skills

Predictors

- Social Skills
- Work Study

*Teamwork

- Cooperation
- Conflict Resolution
- Empathy
- Supporting Others

Research Based Practices

- Simulations to Teach Social Skills
- Response Prompting to Teach Social Skills
- <u>Self-Advocacy Strategy to Teach</u> <u>Student Involvement in the IEP</u>

Promising Practice

- System of least-to-most prompting to teach communication skills
- Community based instruction to teach communication skills
- <u>Self-Management to Teach Social</u> Skills
- Peer Network Interventions to teach social engagement skills

- Social Skills
- Community Experiences
- Student Support
- Work Study

Instruction in Self-Advocacy

Self-advocacy refers to: an individual's ability to effectively communicate, convey, negotiate or assert his/her own interests and/or desires. Self-determination means that individuals with disabilities have the freedom to plan their own lives, set goals and pursue the things that are important to them and to experience the same life opportunities as other people in their communities. It means understanding one's disability and taking the responsibility for communicating one's needs and desires in a straightforward manner to others.

*Requesting and Utilizing Accommodations

• Request accommodations or services and supports

Evidence Based Practices

<u>Self-Determined Learning Model of</u>
 <u>Instruction to teach goal attainment</u>

Predictors

- Inclusion in General Education
- <u>Self-Advocacy/Self-Determination</u>

*Decision Making including supported decision making

Research Based Practices

- Whose Future Is It Anyway? to Teach Self- Determination Skills
- Self-Directed IEP to teach Student Involvement in the IEP

Promising Practices

• <u>Computer Assisted Instruction to</u> <u>teach student involvement in the IEP</u>

Predictors

- Self-Advocacy/Self-Determination
- <u>Self-Care/Independent Living Skills</u>

*Disability Disclosure

Evidence Based Practices

• Published Curricular to teach Student Involvement in the IEP

Research Based Practices

- Whose Future Is It Anyway? to Teach
 Self- Determination Skills
- Self-Advocacy Strategy to Teach Student Involvement in the IEP
- <u>Self-Directed IEP to teach Student</u> <u>Involvement in the IEP</u>

Predictors

- Self-Advocacy/Self-Determination
- <u>Self-Care/Independent Living Skills</u>

*Goal setting and attainment

Evidence Based Practices

• <u>Self-Determined Learning Model of</u> Instruction to teach Goal Attainment

- <u>Self-Advocacy/Self-Determination</u>
- Self-Care/Independent Living Skills
- Inclusion in General Education

Research Based Practices

- Whose Future Is It Anyway? to Teach
 Self- Determination Skills
- <u>Self-Directed IEP to teach Student</u> Involvement in the IEP
- <u>Self-Management to teach Job</u> <u>Specific Skills</u>

*Leadership Skills (taking a leadership role)

Evidence Based Practices

• Published Curricular to teach Student Involvement in the IEP

Research Based Practices

- Whose Future Is It Anyway? to Teach
 Self- Determination Skills
- Self-Advocacy Strategy to Teach
 Student Involvement in the IEP
- <u>Self-Directed IEP to teach Student</u> Involvement in the IEP
- <u>Self-Management to teach Job</u> <u>Specific Skills</u>

Promising Practices

• <u>Self-management instruction to teach</u> social skills

Predictors

- Social Skills
- Inclusion in General Education
- Self-Care/Independent Living Skills
- Vocational or Career & Technical <u>Education</u>

*Peer Mentoring

Promising Practices

- Check and Connect to teach student participation in the IEP process
- <u>Self-management instruction to teach social skills</u>
- Peer network intervention to teach social engagement skills

Predictors

- Social Skills
- Inclusion in General Education
- Self-Advocacy/Self-Determination

*Personal Rights and Responsibilities

Evidence Based Practices

• <u>Published Curricular to teach Student</u> Involvement in the IEP

Research Based Practices

- Whose Future Is It Anyway? to Teach
 Self- Determination Skills
- <u>Self-Advocacy Strategy to Teach</u> Student Involvement in the IEP
- <u>Self-Directed IEP to teach Student</u> <u>Involvement in the IEP</u>

- Self-Advocacy/Self-Determination
- Self-Care/Independent Living Skills

Promising Practices

• <u>Computer Assisted Instruction to</u> teach student involvement in the IEP

*Self-awareness and knowledge

- Monitor progress
- Identify Independence
- Disability Understanding
- Self-reflection

Evidence Based Practices

- Published Curricular to teach Student Involvement in the IEP
- <u>Self-Determined Learning Model of</u> Instruction to teach Goal Attainment

Research Based Practices

- Whose Future Is It Anyway? to Teach
 Self- Determination Skills
- <u>Self-Advocacy Strategy to Teach</u> Student Involvement in the IEP
- <u>Self-Directed IEP to teach Student</u> <u>Involvement in the IEP</u>
- Self-Management to teach Job
 Specific Skills
- <u>Computer Assisted Instruction to</u> teach student involvement in the IEP

Promising Practices

- Self-Monitoring to teach Functional Skills
- <u>Self-management instruction to</u> teach social skills
- Community based instruction to teach community integration skills

Predictors

- Self-Advocacy/Self-Determination
- <u>Self-Care/Independent Living Skills</u>
- <u>Inclusion in General Education</u>

*Self-determination

- Assertiveness
- Intrinsic Motivation
- Self-efficacy

Evidence Based Practices

- Published Curricular to teach Student Involvement in the IEP
- <u>Self-Determined Learning Model of</u>
 Instruction to teach Goal Attainment

- <u>Self-Advocacy/Self-Determination</u>
- Inclusion in General Education
- Self-Care/Independent Living Skills
- Social Skills

Research Based Practices

- Whose Future Is It Anyway? to Teach
 Self- Determination Skills
- <u>Self-Advocacy Strategy to Teach</u> Student Involvement in the IEP
- <u>Self-Directed IEP to teach Student</u> <u>Involvement in the IEP</u>
- <u>Self-Management to teach Job</u> Specific Skills

Promising Practices

- Computer Assisted Instruction to promote student involvement in the IEP meeting
- <u>Self-Monitoring to teach Functional</u> <u>Skills</u>

Reviewed Resources				
Resource	Content Area	Audience		
Skills to Pay the Bills: Mastering Soft Skills for Workplace Success (Available in English or Spanish): "Skills to Pay the Bills: Mastering Soft Skills for Workplace Success," is a curriculum developed by ODEP focused on teaching "soft" or workforce readiness skills to students, including students with	Communication Teamwork Networking Problem Solving and critical thinking Professionalism	Special Education Teacher Vocational Rehabilitation Counselor Transition Specialist		
disabilities. Federal Partners in Transition (March, 2016) What to Know About Youth Transition Services for Students with Disabilities. This fact sheet provides information and resources about current federal policies effecting youth transition and links to resources effecting workplace readiness and independent living	Communication Problem solving and critical thinking	 Special Education Teacher Vocational Rehabilitation Counselor Transition Specialist Parent 		
Helping Youth with Learning Disabilities Chart the Course: A Guide for Youth Service Professionals, This Info Brief describes challenges faced by students and young adults with learning disabilities as they reach adulthood, while highlighting strategies youth service professionals can implement to help students to transition successfully into the workplace.	 Communication Problem solving and critical thinking 	 Special Education Teacher Vocational Rehabilitation Counselor Transition Specialist 		
A Guide to developing Collaborative School- Community-Business Partnerships This Guide is designed to provide basic information to enable meaningful and employment outcome oriented collaboration among between school, community and business partners.	 Teamwork Networking Problem solving and critical thinking 	 Special Education Teacher Vocational Rehabilitation Counselor Transition Specialist 		

Travel Training for Youth with Disabilities Provides an overview of and how to implement travel training models in communities.	 Problem solving and critical thinking Orientation and Mobility 	 Special Education Teacher Vocational Rehabilitation Counselor Transition Specialist Families Students
Quick Guide: Transportation and Travel Instruction The NTACT Quick Guide offers information that helps to address student needs in transportation and travel providing links to resources, curriculum and tools.	 Problem solving and critical thinking Orientation and Mobility 	 Special Education Teacher Vocational Rehabilitation Counselor Transition Specialist Families Students
Cross-Walk of Resources for Implementation of the Five Pre-ETS Areas Links to web-based resources are organized using Pre-ETS found in WIOA including, state developed materials and activities.	 Interest and ability inventories Discovery Informational interviews Course of study alignment with career Career vocational assessment Volunteering 	Administrator Special Education Teacher Vocational Rehabilitation Counselor Transition Specialist

Implications for Practice:

- Creates a common understanding of the five required areas of Pre-ETS in the WIOA
- Defines specific activities associated with each of the Pre-ETS areas in the WIOA
- Provides evidenced and research-based practices (EBPPs) that can be used for individual student planning
- Resources provide curriculum and activities that can be used in the provision of transition services and Pre-ETS