# EI/ECSE Standard 6 Component 6.1

Overview & Speaker Notes

#### **Intended Audience:**

### Overview for Facilitators:

ECPC has developed an anchor presentation for each of the Initial Practice-Based Professional Preparation Standards for Early Interventionists/Early Childhood Special Educators (EI/ECSE). The components under each standard are presented separately. The materials are designed for an in-service professional development (PD) program but can be used in a pre-service teacher preparation course. This resource will increase professionals' ability to address each of the EI/ECSE standard and components. Additional materials for each standard can be found on the ECPC Website: Curriculum Module | The Early Childhood Personnel Center (ecpcta.org)

#### **Speaker Notes**

The speaker notes provide a narrative and activities for each slide. You will see speaker notes for most of the slides within the slide deck. The notes provide additional details about the information on a particular slide, including the context for the information and key points. The notes are a guide, and speakers should feel free to modify these as needed. Please note the following:

 The narrative is a sample script for the presenter. Although you may read it verbatim, speaker notes are intended as a guide for the presenter, and you may modify them as needed.

### Materials Required for face to face

- 1. Share the outline with timelines for the training (build in breaks)
- 2. Conduct an opening activity (introductions/ice breaker)
- 3. Computers or tablets with internet access for participants (if possible)
- 4. Handouts
- 5. Projector with audio capable for playing video with speakers
- 6. Presentation slides with speaker notes
- 7. Develop an evaluation tool for all attendees (e.g., continuous improvement activity)

### Materials Required for virtual

- 1. Distribute the link to the online platform in advance
- 2. Share the outline with timelines for the training (build in breaks)
- 3. Conduct an opening activity (introductions/ice breaker)
- 4. Determine how participants will receive handouts and materials, on the cloud, using a storage platform (e.g., dropbox, google, etc.)
- 5. Platform to share presentation (e.g., zoom, teams, etc.) with polling questions prepared in advance and breakout room capability
- Upload or send handouts in advance or through platform (insert through chat)
- 7. Download videos ahead of time to prepare for low bandwidth from slide deck

- 8. Share screen capability (be sure to enable sound for videos)
- 9. Develop an evaluation tool for all attendees (e.g., continuous improvement activity)

### **Objectives for Standard 6, Component 6.1:**

After participating in this professional learning opportunity, participants will be able to:

- Describe a collaborative process involving families to identify intentional evidencebased practices across developmental domains and academic content domains.
- Describe fidelity of implementation strategies to support the delivery of systematic, responsive, and intentional evidence-based practices across developmental and academic content domains.

### **Outline of Session Activities**

Topic	Slides	Activity
Introduction/Objectives	1-4	
Evidence-based practices	5-7	
How do families know if a practice is effective?	8	
How do Professionals know if a practice is effective?	9	
How Do Families and Professionals Know if a Practice Is Effective?	10	
Asking Right Questions	11	
Knowing your EBP Resources	12-13	
Activity	14	Activity (Slide 14)
Overarching EBP in EI/ECSE	15-19	Activity (Slide 19)
Partnering With Families To Select EBPs	20	
Identify Need for Language Accommodations and Resources	21	
Gather Information About Child Preferences and Interests	22	
Partnering With Families To Identify Skills That Will:	23	
Explore a Variety of EBP Strategies	24	
With Families, Identify Level of Support the Child Will Need To Succeed	25	
Using Data To Support Family Decisions	26-28	Activity (Slide 27) Video (Slide 28)
EBP and Fidelity	29-32	Discussion Activity (Slide 32)
Resources and References	33-34	

### Speaker Notes with Slides

Slide 1		
	Using Responsive and Reciprocal Interactions, Interventions, and Instruction	
	Initial Practice-Based Professional Preparation Standards Early Interventionists/Early Childhood Special Educators 6.1	
	E C P C	
Slide 2	Standard 6 Candidates plan and implement intentional, systematic, evidence-	
	based, responsive interactions, interventions, and instruction to support all children's learning and development across all developmental and content domains in partnership with families and other professionals. Candidates facilitate equitable access and participation for all children and families within natural and inclusive environments through culturally responsive and affirming practices and relationships. Candidates use data-based decision-making to	
	plan for, adapt, and improve interactions, interventions, and instruction to ensure fidelity of implementation.	
Slide 3	man value man	
Siluc 3	Component: 6.1	
	Candidates, in partnership with families, identify	
	systematic, responsive, and intentional evidence-	
	based practices and use such practices with fidelity	
	- AND THE STATE OF	
	ent_across_all deve opmental and deve opm	
	content domains. academic	
	E C P C	
Slide 4	weapt as	
	Objectives	
	Describe a collaborative process involving families to	
	identify intentional evidence-based practices across	
	developmental domains and academic content	
	domains.	
	Describe fidelity of implementation strategies to	
	support the delivery of systematic, responsive, and	
	iemieronter Loomains. Gere comertal and acas	
	IC P C E	
	waqtuq	

Slide 5		https://www.everystudentsucceedsact.org/
	Evidence-Based Practices (EBPs)	https://sites.ed.gov/idea/
	Two federal laws—the Every Student Succeeds Act	
	(ESSA) and the Individuals with Disabilities	
	Education Act (IDEA '04) mandate use of evidence-	
	based academic and behavioral practices and	
	programs	
	programs	
	E C P C	
Slide 6	What Are Evidence-Based Practices (EBPs)?	Odom, S. L., & Wolery, M. (2003). A unified theory of practice in early intervention/early
	Practices that are based on the best available	childhood special education: Evidence-based
	empirical research that documents the practice's	practices. The Journal of Special Education
	efficacy with young children and families; the	
	wisdom and knowledge of the field; and the core	
	guiding values, beliefs, and theoretical approaches	
	of EI/ECSE	
	ECPC	
Slide 7	lady Oblived Present Cente www.ep/bc.eq	Whether or not a practice is evidence-based
Siluc 7	EBP Is a Process	depends not only on the research that supports
		a given practices efficacy with a given
	The process for selecting and implementing	population, but whether it will work in the
	ret avilarea, innig	context of the family, the professionals that are
	and values; and the and professional wisdom	working with the family, and it's relevance to
	strengths, and needs individual characteristics;	the characteristics, strengths, and needs of the
	of a child	unique child.
		Buysse, V., Wesley, P. W., Snyder, P., & Winton,
	[ G E G G	P. (2006). Evidence-based practice: What does
	re Cere  (ii) Contract how you approximately a contract how you ap	it really mean for the early childhood
		field? Young Exceptional Children, 9(4), 2-11
Slide 8	+	Families whose children have been newly
Siluc 0	How Do Families Know if a Practice Is	identified with a delay or a disorder are of
	Effective?	course anxious to find out as much as they can
	Testimonials	about ways to optimize their child's
	<ul> <li>As a result of this intervention/instruction,</li> </ul>	development. The information they get is often
	my child is doing better!	delivered by well-meaning family and friends or
		discovered on the internet.
	• Anecdotal	When we begin our partnership with families,
		we let them know that there are ways for us to
	E C P C	determine if a given method is supported by
	Early Children's Recognition of Contra	T determine it a given method is supported by
	Asserted and a second a	research.

Slide 9  Slide 10	How Do Professionals Know if a Practice Is Effective?  • Professional experience • I have been using this intervention with the child Lam seeing, and he is doing tter! be necdotal • Ar  How Do Families and Professionals Know if a Practice Is Effective?  • Empirical (data-based) research • I gathered empirical evidence on the effectiveness of this intervention/instruction • The effects were replicated over time  Asking the Right Questions  • What works? • For whom does it work best? • Under what conditions?	The experience garnered over time by a professional who works with children and families is indeed valuable, but needs to be combined with hard evidence gathered in a systematic and peer-reviewed process in order to ensure that what a professional thinks is working is not biased by his or her personal beliefs  Empirical evidence what we need to review to decide if any given practice is supported by science.  We support families through our knowledge of evidence-based practices – and we are obliged to know where to look to get the answers we need to these questions – not often a simple task
	E C P C  Info Wilden Hower Caser  way party	
Slide 12	Knowing Your EBP Resources  • WWC   Find What Works! (ed.gov)  • Children and Youth with Disabilities  • Early Childhood Education  • RPs - DEC Recommended Practices Home   DEC (deesped.org)  • ECTA Center: Practices  • The Collaboration for Effective Educator Development, Accountability and Reform (The CEEDAR Center)	<ul> <li>WWC   Find What Works! (ed.gov)</li> <li>https://ies.ed.gov/ncee/wwc/         <ul> <li>Children and Youth with Disabilities</li> <li>Early Childhood Education</li> </ul> </li> <li>RPs - DEC Recommended Practices Home   DEC (dec-sped.org)</li> <li>ECTA Center: Practices</li> <li>https://ectacenter.org/practices.asp</li> <li>The Collaboration for Effective Educator</li> <li>Development, Accountability and Reform (The CEEDAR Center)</li> <li>https://ceedar.education.ufl.edu/</li> </ul>

### Slide 13 https://autismpdc.fpg.unc.edu/ Disability-Specific Resources on EBP https://ncaep.fpg.unc.edu/ http://csefel.vanderbilt.edu/resources/wha • National Professional Development Center on t works.html • National Clearinghouse on Autism Evidence and **Practice** • CSEFEL: Center on the Social and Emotional Foundations for Early Learning (vanderbilt.edu) Slide 14 Activity • Identify an EI/ECSE instruction/intervention method that you are interested in · Explore the resources we just reviewed to determine what is known about the effectiveness of that practice Slide 15 Especially in the EI/ECSE field, where individualization of intervention and instruction **Evaluating Instructional Practices** makes it hard to draw conclusions about a group of children as a whole – for instance, young children with ASD - we must both carefully examine existing empirical evidence, and combine that knowledge based on a consensus of professional wisdom accumulated over time – what experienced, well-trained practitioners have learned over the course of a career. All these things provide a relatively complete understanding about how the effectiveness of a given intervention/instructional practice. Slide 16 From: Research Foundations for Evidence-**Overarching Evidence-Based Practices** Informed Early Childhood Intervention in EI/ECSE Performance Checklists (puckett.org) Authentic Assessment Let's take a look at a group of practices that have a robust evidence base, and that you are • Environmental Adaptation and Assistive in position to use consistently in your daily Technology EI/ECSE practice: • Family-Centered Practices Authentic child assessment practices is the process of identifying child, adult, and setting factors that influence child engagement and learning in everyday activities - and the use of this information for planning and implementing

interventions for promoting child learning and development **Environmental Adaptation and Assistive technology**, including natural environment learning opportunities, environmental arrangements, environmental adaptations and assistive technology is a critical element of evidence-based practices in the EI/ECSE field. Family-based practices lie at the center of all evidence-based practice with young children who have delays/disabilities and their families, including Relational and participatory practices, Engaging families as partners and Building family capacity Slide 17 From: Research Foundations for Evidence-**Overarching Evidence-Based Practices,** Informed Early Childhood Intervention continued Performance Checklists (puckett.org) and **Instructional Practices** Division for Early Childhood. Child Strength-Based (2015). DEC recommended practices: Enhancing services for young children with disabilities and Naturalistic their families. (DEC Recommended Practices Embedded Monograph Series No. 1). DEC. Systematic Child strength-based practices: Factors related to child interests and motivation that have been found to be particularly important to optimal learning, no matter how complex a child's developmental needs may be. **Situational interests** include the child's unique affinities for social and nonsocial environmental (setting) factors that evoke and sustain child engagement in everyday activities Personal interests include a child's preferences, likes, favorites, etc. that motivate him or her to engage in desired activities or actions. Findings in research syntheses of young children with and without disabilities indicate that both personal and situational interests are associated with a host of positive child behavior consequences **Naturalistic Practices – learning in the context** of everyday activities Everyday activities serve as sources of child learning opportunities and result in more child learning opportunities compared to embedding traditional intervention practices in everyday

> activities. In addition, the child and parent benefits of using everyday activities as sources

of child learning opportunities are far superior to those associated with implementing traditional intervention practices in everyday activities such as:

Parent-implemented intervention: Parents provide individualized intervention to their child to improve/increase a wide variety of skills and/or to reduce interfering behaviors. Parents learn to deliver interventions in their home and/or community through a structured parent training program.

### Peer-mediated instruction and intervention:

Typically developing peers interact with and/or help children and youth with ASD to acquire new behavior, communication, and social skills by increasing social and learning opportunities within natural environments. Teachers/service providers systematically teach peers strategies for engaging children and youth with ASD in positive and extended social interactions in both teacher-directed and learner-initiated activities

Embedded instruction involves multiple, brief teaching interactions between a teacher and child during everyday classroom activities. By identifying functional behavior targets, selecting classroom activities best suited for embedded learning opportunities, and using planned and intentional instructional strategies, teachers can help children learn new behavior for participating in classroom activities throughout the day.

Systematic Instruction Systematic instructional strategies refer to systematic teaching procedures used within and across environments, activities, or routines to promote children's learning and participation. These strategies include response shaping, prompting and prompt fading procedures, naturalistic teaching procedures such as models, expansions, incidental teaching, mandmodel procedure, naturalistic time delay, differential reinforcement, high probability procedures (i.e., behavioral momentum) and correspondence training.

Slide 18

## Overarching Evidence-Based Practices, continued

- Interactional Practices
- Teaming and Collaboration Practices
- Transitions



From: Research Foundations for Evidence-Informed Early Childhood Intervention Performance Checklists (puckett.org)

Finally, these three practices are also supported by a strong research base:

Interactional practices: The basis for fostering all children's learning. For children who have or are at risk for developmental delays/disabilities, they represent a critical set of strategies for fostering children's social-emotional competence, communication, cognitive development, problem-solving, autonomy, and persistence" (Division for Early Childhood, 2014, p. 14).

Include: Child observation, interpretation of behaviors and actions, and contingent responding. The use of modeling and feedback, commenting and expansions on child communications, needs, preferences, or interests, the provision of developmentally-appropriate scaffolding and support of the ability of the child to access regulation.

Teaming and Collaboration Practices: six key evidence-based characteristics of effective teaming and collaboration have been identified and include effective communication, shared problem-solving, collective goal setting, and shared team member responsibilities for intervention planning and implementation. In addition, research syntheses found that practitioner knowledge and skills not only contributed to improved shared team functioning, but also contributed to meaningful family member involvement in team processing and team decision making.

Transitions: Converging evidence from research syntheses of transition studies point to a number of conditions that contribute to successful transitions. These conditions include transition planning between both transitioning and receiving program practitioners, parent and family involvement in transition planning and implementation, explicit attention to the types of transition experiences promoting continuity in children's learning and development, and use of family-centered practices to reduce parent stress and promote

		positive child and family adaptations and
		adjustment prior to, during, and
		following a transition.
Slide 19		<b>Child strength-based</b> – building in this child's
	Activity	strength at assembling structures with Legos –
	A family shares that their son, who has autism, is	which include fine motor, cognitive domains
	interested in Legos. How might this shared	and could easily be built into goals for
	information help the family and teacher plan for	communication and social-emotional domains
	the use of evidence-based practices?	through the use of <b>embedded instruction</b> -
	Identify some specific evidence-based practices	incorporating this <b>child's preferences</b> to
	that would incorporate this information	facilitate interactional practices in natural
	that would meet portate this information	settings. Family-centered practices are used
	ECPC	here as the information they report on for their
	toney contributed (TELERIER LIMITE WWW.ADJPEL.EN	child is valued and incorporated into planning.
		We might want to ask the family how they can
		join the child in his or her interest in Legos to
		increase levels of social engagement.
		In a preschool setting, information from the
		family that the child loves Legos can <b>inform</b>
		reinforcement value for systematic
		programming – and inform plans to embed
		child-preferred activities into daily instruction
		as a mean to increase interaction.
		Example: A Center can be planned where the
		child and 2 other peers who like Legos will have
		their own space to play with Legos – and are
		sitting at a round table so that they are facing
		each other (environmental adaptation). Each
		child will have their own pot of Legos by color,
		and each child will have different colors.
		Support the targeted child to use eye gaze,
		sound, or word to request another color when
		needed, and support peers to notice the
		targeted child's cues. Teacher can join in the
		play as well, and provide comments about the
		children's play, prompting when needed – but
		creating space for social initiations. <b>Data can be</b>
		collected in a systematic way, and can inform
		the way the activity is set up when used
		subsequently.
		Judgequently.

### Slide 20 Although high-quality research is always the **Partnering With Families To Select EBPs** basis for defining an EBP in the field of early intervention, professional expertise plays a role · Systematically gather information to develop a deep in identifying and selecting an appropriate understanding of family: practice or program. Uniqueness Culture Because family members should always be Circumstances encouraged to be active participants and · Changing priorities decision-makers in EI/ECSE services and Stressors practice, it is important to gather information from them in an intentional and transparent manner as a means to inform what evidencebased practices will be right for them. Slide 21 With family, identify resources needed to **Identify Need for Language** support dual language learners both at home **Accommodations and Resources** and at school: Books, other instructional materials. be conducted? What too's will be us Interpreters to support uction provided in · Are instructional materials and instru intervention/instructional implementation the family's primary language? of EBPs at home and at school. Support for family to access information Books and other and materials to be used by about service provisions, rights, and ECPC advocacy in their first language. Slide 22 Gather information from the family about what **Gather Information About Child** they know about the child's strengths, **Preferences and Interests** preferences and interests to collaboratively What are the child's strengths, interests, preferences? plan for the child to be engaged in active (using preference assessments as needed) learning · Using this information to maximize active, engaged learning · Create opportunities for choices within daily routines Slide 23 **Partnering With Families To Identify Skills That Will:** • Optimize social interactions • Promote participation in everyday activities and routines at home and in early care/school settings

Slide 24	Explore a Variety of EBP Strategies	
	D : 11 6 11 1 500 111 1 1 1 1	
	<ul> <li>Review with family how EBPs will be implemented at home and school</li> </ul>	
	Explore how EBPs can best be implemented at	
	home in a way that works for the family, within	
	their unique routines	
	Reflect and brainstorm with families about	
	perceived barriers to implementation	
	Enis (Selbod Perman Center wexage Enis	
Slide 25	With Families, Identify Level of Support the Child Will Need To Succeed	
	To access, participate and engage with everyday	
	learning experiences	
	Specify adaptations and modifications that will be	
	used by the family and early educators	
	Agree on how feedback and prompting approaches	
_	will be used across settings  ECPC	
Slide 26	Info Offices Present Center wer applicant	
Slide 26	Using Data To Support Family Decisions	
	Routine-based interviews	
	• Functional behavior assessments	
	Formal and informal observation across settings	
	• diossfeiserpunary agreenhens spoot ramily choices	
	for evidence-based intervention/outcome targets	
_	ECPC	
Slide 27	uny well-der Ville für unse werdigktung	https://www.draccess.org/videolibrary
0.10.0 = 7	Activity: Gathering Observational Data	Support discussion around the need to
	On the next slide, watch "Crystal Moving Around" before	operationalize the definition of a "step with
	discussing the following;	feet flat on the floor". Acknowledge how
	<ul> <li>Crystal's goal: take 2-3 steps using her walker with each foot flat on the floor, either independently or following</li> </ul>	counting steps can be difficult – for instance,
	a prompt from her parents, five times per session	you can ask the group to watch again and count
	across a month	steps in the first clip and see how the group
	What data will you collect? How will you support	count is the same or different.
	parents in collecting data?	Discuss how parents might need support to
	Early Childress Personal Center works Agent and	gather data for themselves in a systematic way Support the importance of incorporating
		parent/adult support data into each
		observation – operationalizing levels of support
		for levels of prompts, levels of active control of
		the walker vs. Crystal controlling the walker
		independently. We can measure real progress
		, ,

Slide 28	Activity: Crystal Moving Around  E C P C	the child and the adults who are interacting with her. Discuss the use of video to help capture important data in a systematic way.  https://vimeo.com/155919002
Slide 29	EBP and Fidelity  • Fidelity: Implementation of an EBP as intended by researchers or developers  • Includes adherence, exposure/duration, and quality of delivery  • Improves the chances that positive change will occur  • IRISCENTER resources: Evidence-Based Practices	https://iris.peabody.vanderbilt.edu/module/ebp_0_03/cresource/q3/p05/ Adherence - Following the instructional procedures of the practice or program as they were intended and implementing all components of the EBP in the correct order Exposure/duration - Implementing the practice or program for the recommended: Length of session (e.g., 40 minutes) Duration of EBP (e.g., 12 weeks, one semester, one academic year) Frequency (e.g., daily, three times per week) Quality of delivery - Delivering the EBP using good teacher practices (e.g., implementing with enthusiasm, providing time for student questions and feedback, managing transitions)
Slide 30	Fidelity Monitoring  • Develop an observational checklist based on a breakdown of EBP protocol e.g., least-to-most prompting  • Use developer checklists e.g., Pyramid Model Practices, Early Start Denver Model  • Use ECTA Center: Performance Checklists designed to support commonly used EBPs in EI/ECSE	https://challengingbehavior.cbcs.usf.edu/docs/ Pyramid-Practices-Checklist.pdf  https://www.esdm.co/ https://ectacenter.org/decrp/type- checklists.asp

Slide 31		https://iris.peabody.vanderbilt.edu/module/eb
	Sam Odom: Monitoring Fidelity	p 03/cresource/q3/p05/
	• Evidence-Based Practices (Part 2):Implementing a	
	Practice or Program with Fidelity	
	ECPC	
	Early Colifocal Forward Center www.espitr.cog	
Slide 32		
	Discuss	
	What are some methods you might use to monitor	
	your fidelity practice in your work in EI/ECSE?	
	What kind of feedback do you have access to	
	regarding your implementation fidelity – colleagues, mentors, instructors, ongoing	
	workshops?	
	Video review?	
	ECPC	
Slide 33	vecapitus	https://www.mdpi.com/2227-
onde oo	References and Resources	7102/7/4/78/htm
	Buysse, V., Wesley, P. W., Snyder, P., & Winton, P. (2006). Evidence-	
	based practice: What does it really mean for the early childhood field? Young Exceptional Children, 9(4), 2-11	https://files.eric.ed.gov/fulltext/EJ785946.pdf
	Dunst, C. (2017). <u>Research Foundations for Evidence-Informed</u>	
	<u>Early Childhood Intervention Performance Checklists</u> , Educational Science, 7(78), doi:10.3390/educsci7040078	
	Odom, S. L., & Wolery, M. (2003A <u>Unified Theory of Practice in</u>	
	Early Intervention/Early Childhood Special Education: Evidence- Based Practices. The Journal of Special Education	
	E C P C	
Slide 34	uny unated frants Later www.cp/lb.csj	https://iris.peabody.vanderbilt.edu/module/eb
Jilde J4	Resources and References	p 03/cresource/q3/p05/
		<u>p_00/010000100/40/p00/</u>
	Colorado University of Education   Results Matter	https://www.draccess.org/videolibrary
	Video Library: https://www.draccess.org/videolibrary	
	• Iris Center   Evidence-Based Resources	
	ECPC  tary Video Process Custor  verestingling	