

Innovative Technology for Early Childhood Assessment

Ryan Grimm, Kathy Hebbeler, Mandy Reeve, Sheresa Boone Blanchard SRI International

SRI Education

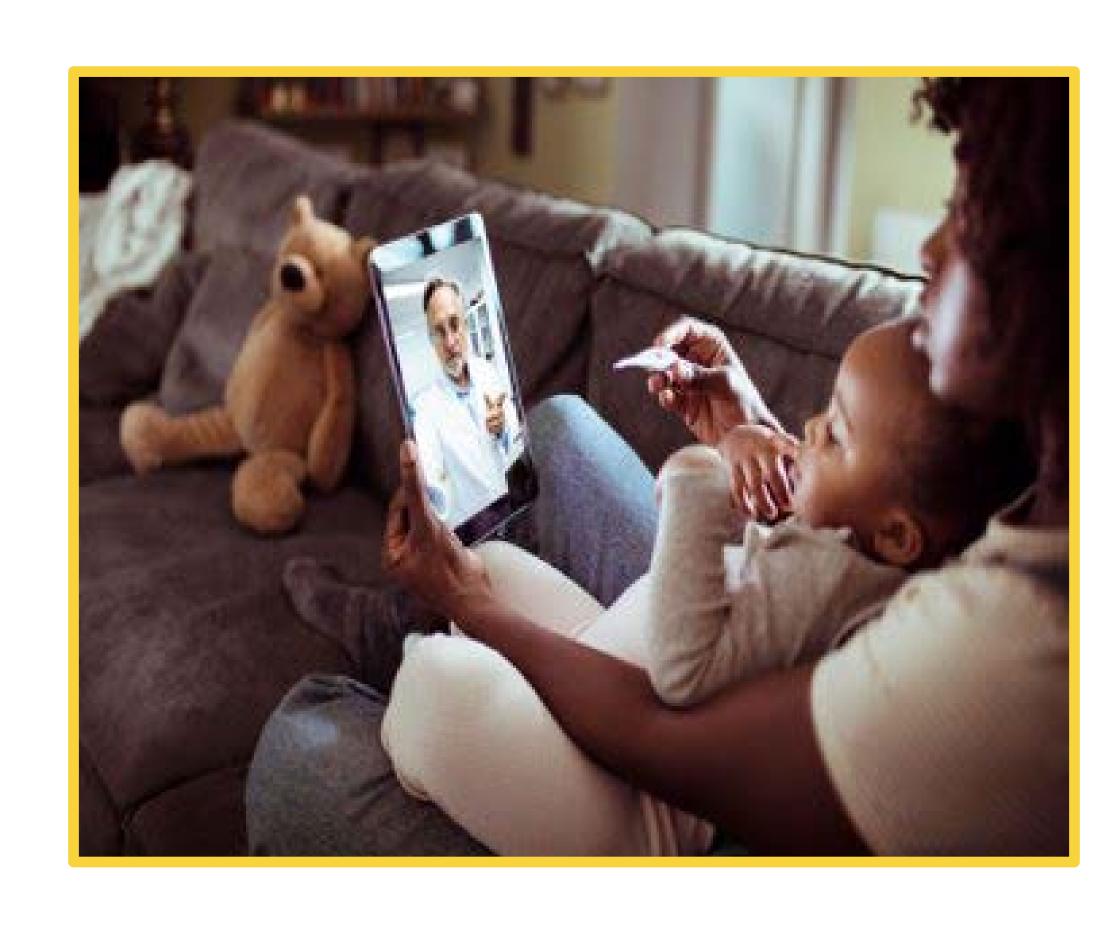
2023 OSEP Leadership and Project Directors' Conference | Arlington, VA | July 24–26, 2023

BACKGROUND

- During the COVID-19 pandemic, many states moved to using technology and telehealth to continue to provide early intervention and preschool special education services.
- These new applications of technology provided some benefits but also raised concerns about equity and revealed potential barriers.

PROJECT OBJECTIVES

- 1. Identify **facilitators**, **barriers**, **and other information** needed to use technology to support authentic assessment.
- 2. Develop **frameworks** based on the current evidence to support decision-making around technology at the state and local levels.
- 3. Identify **existing resources** and create **new resources** to support the frameworks.
- 4. **Disseminate** the frameworks and resources to Part C and Part B 619 state agencies, local staff, practitioners, families, and other Centers and organizations.

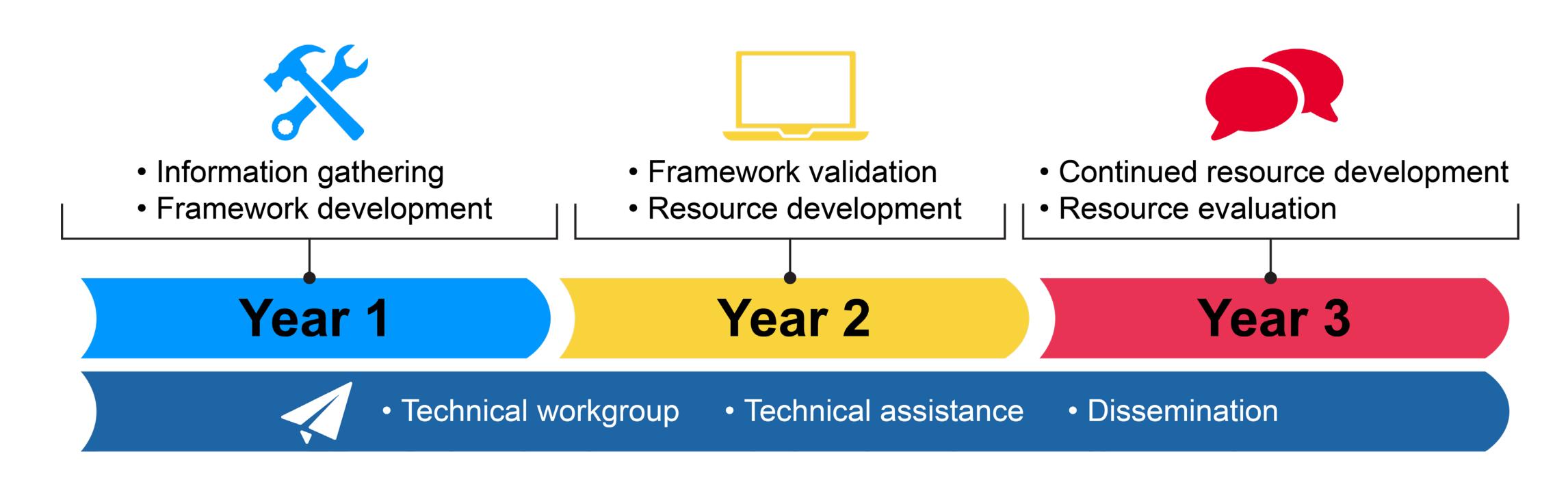


DETAILS

Types of Technology and Study Constructs

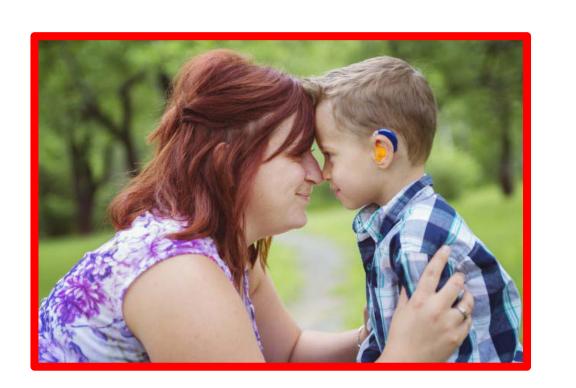


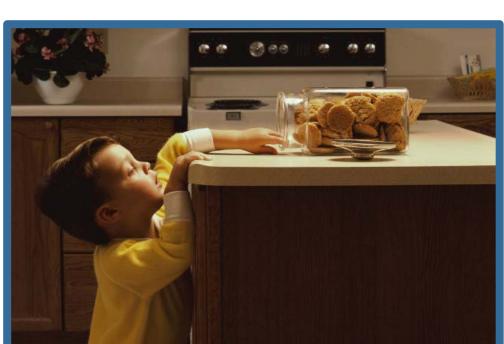
Project Timeline





PROJECT ACTIVITIES





Information Gathering

- Literature review to gather information on using technology in Part C and Part B 619, including a scan of professional organization websites for guidance and position statements.
- Conduct participant interviews to gather information on experiences related to how technology can support assessment, barriers to using technology, and solutions and supports necessary for using technology. Participants include:
- Part C and Part B 619 state coordinators
- Local program administrators
- Practitioners and program staff
- Families
- IT professionals

Framework Development and Validation

 Develop and validate decision-making frameworks for state coordinators, local administrators, and practitioners based on the results of the information gathering.

Resource Development

 Identify and categorize existing resources, identify gaps, and develop a variety of new resources based on input from states, local programs, and other Centers and organizations.

Dissemination

 Disseminate information through the website, conferences, and universal technical assistance.

