

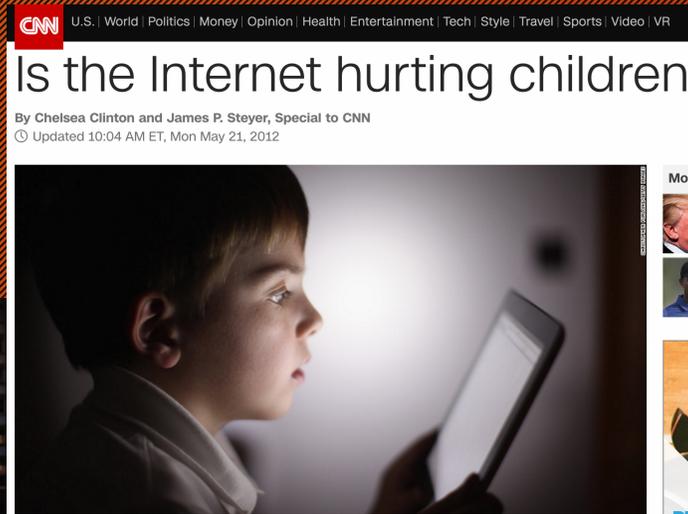
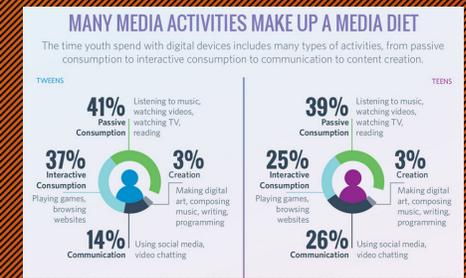
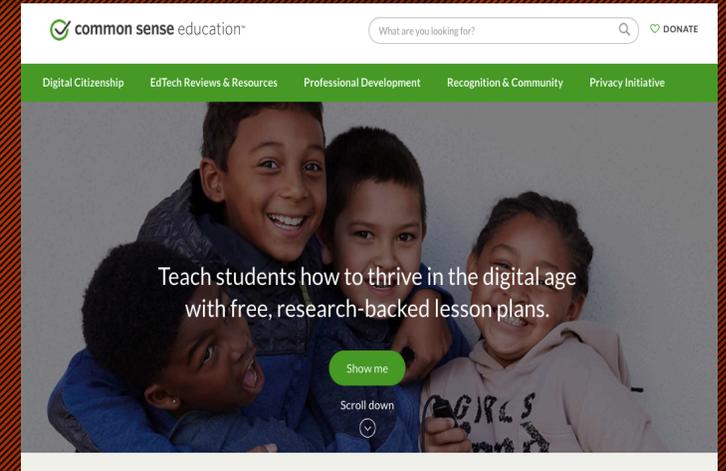
Addressing how technology contributes to and challenges resilience of families: Implications for Parent and Family Educators

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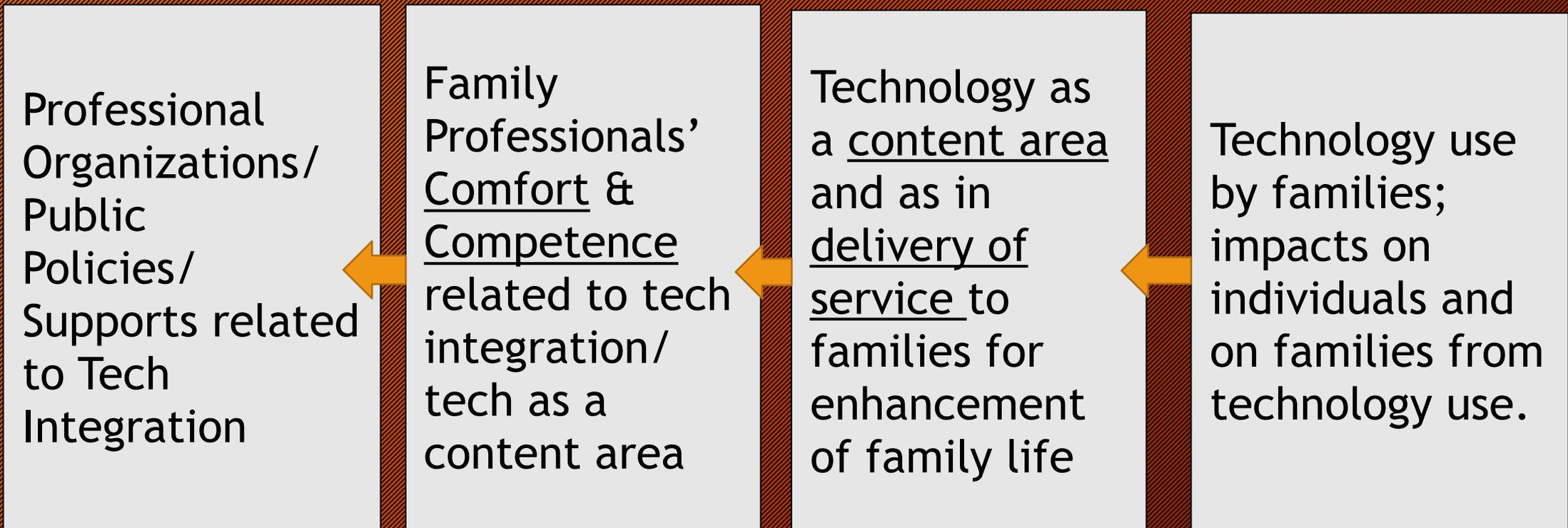
My work in this area

- PhD Child and Family Studies, BS/MS Nutrition and public health
 - Specialization in parenting/ education, early childhood, program development, implementation and evaluation 1979- current, and since 2005....
- Technology integration in parent and family education
 - Online instruction in higher ed - and parenting educator license prep (2005-current)
 - Research & writing on parents' use of technology in parenting and learning (2007-current)
 - Design, implementation and testing of technology to support parent learning and social engagement in ECFE (2013-current)
 - Research on parent and family education professionals' technology use, attitudes and support needs (2010-current)
 - Development and teaching of university course: Families and Technology (FSOS 3105; 2017-current)

When we talk about technology and families, this might be what comes to mind...



This is what is in my mind: the view from 10,000 miles



How do you use technology in a day?

- Think about your phone -
 - Which apps do you use?
 - What functions does your phone serve?
 - Who do you contact? How often? Using which app(s) or functions?
 - Are you on social media? Which? How often during the day?
 - What do you like about using your phone? What don't you like about using your phone?
- What about your laptop -
 - What do you do on it? Email? Work preparation? Internet searches? Social media?
 - What do you like about using your laptop? What don't you like about it?

Take a moment, put your phone or/and laptop
away and think...

What would it be like to live a day without technology?

Tech use by individuals and families: Family processes and outcomes (facilitated by technology)

- Individual family member development and well-being
- Family well-being, satisfaction
- Individual and family processes (e.g., learning, communication, connectedness)
- Outcomes external to the family (e.g., community well-being)
- Our understanding of technology's PRO and CONs is informed when we look at what we know about these outcomes as related to technology
- **NOTE: THIS IS A VERY NEW AREA OF RESEARCH. FINDINGS ARE ANYTHING BUT CONCLUSIVE.**

Tech use by individuals and families: Individual and Family Tech Differences in Use

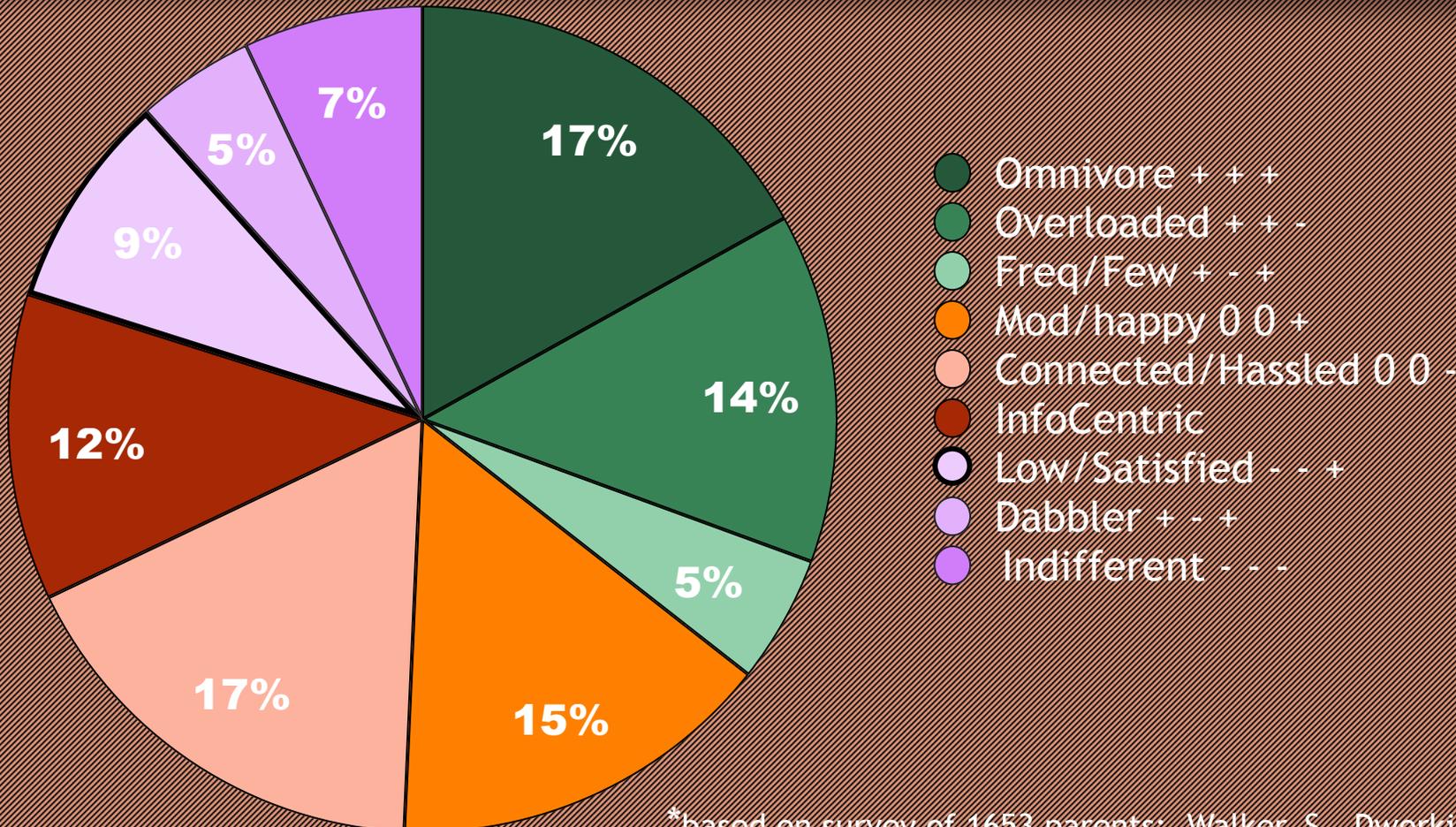
- To study these outcomes and processes as related to technology use, we need to look at the technology users'
 - Attitudes, individual differences, comfort, skill, and ACCESS
- Understanding technology's functions indicates how it might be selected to fulfill a particular family/individual need
- Understanding differences in types of technology informs both function and use

Parents use technology to fulfill a variety of purposes

Parent Development	Parent-Child Relationship	Child Development	Family Development	Culture & Community
<p>Promote parent confidence, philosophy</p> <p>Explore perspectives</p>	<p>Strengthen reciprocity, trust, express affection</p> <p>Monitor child's safety, peers</p>	<p>Understand devt.; have reasonable expectations</p> <p>Promote all aspects of child's devt.</p>	<p>Promote family time together</p> <p>Manage family resources</p>	<p>Build & maintain relationships with friends, professionals</p> <p>Seek support</p>
<p>Discussion boards</p> <p>Blogs, info sites</p> <p>Creative activities</p>	<p>Comm. devices (text, cell phones, IM)</p> <p>Connectivity (SNS)</p>	<p>Information sources</p> <p>Discussion boards</p>	<p>Comm. devices</p> <p>Entertainment, games, creativity</p> <p>Utilities</p>	<p>Comm. devices</p> <p>Connectivity (SNS)</p> <p>Discussion boards</p>

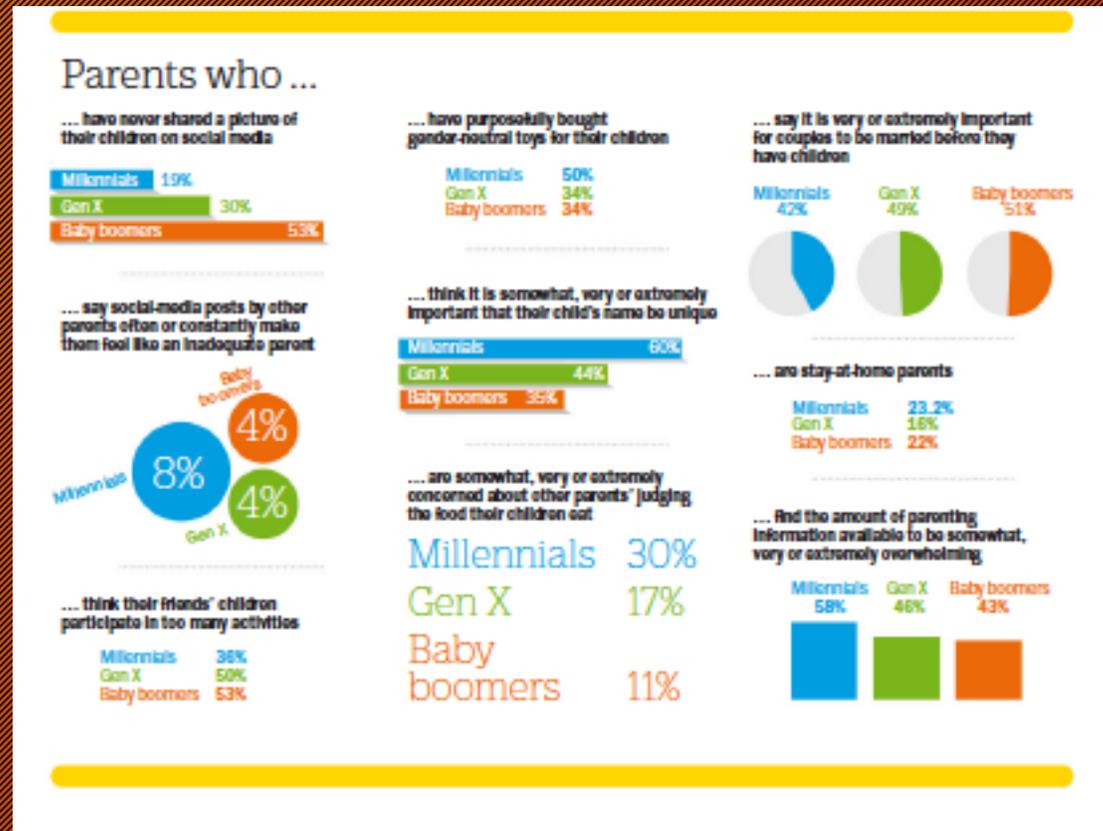
Their individual use varies

(+/- = frequency of 4 activities, # devices & attitude)

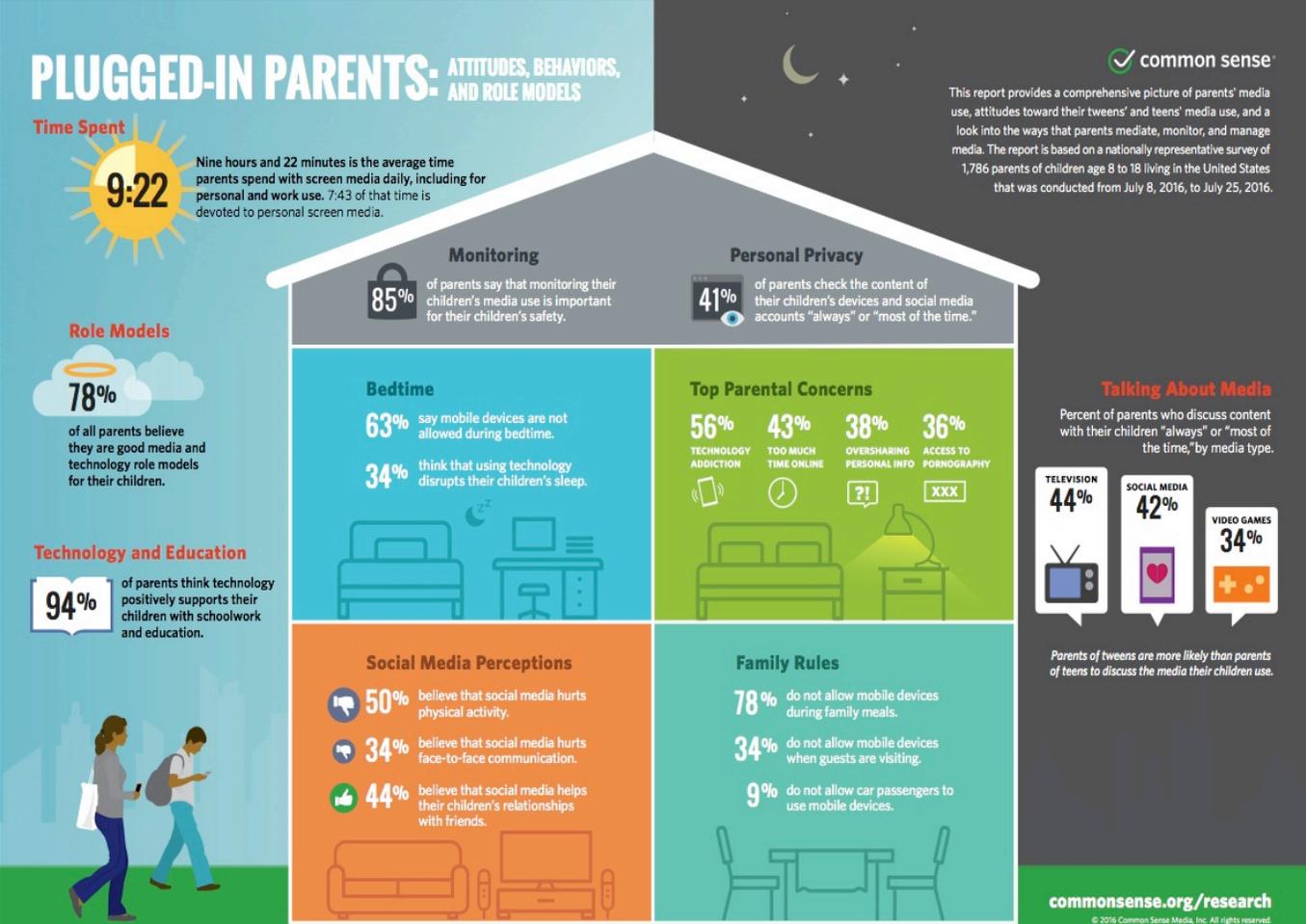


*based on survey of 1653 parents; Walker, S., Dworkin, J & Connell, J. (2011, Family and Consumer Science Research Journal).

- Parent use varies depending on generational influences

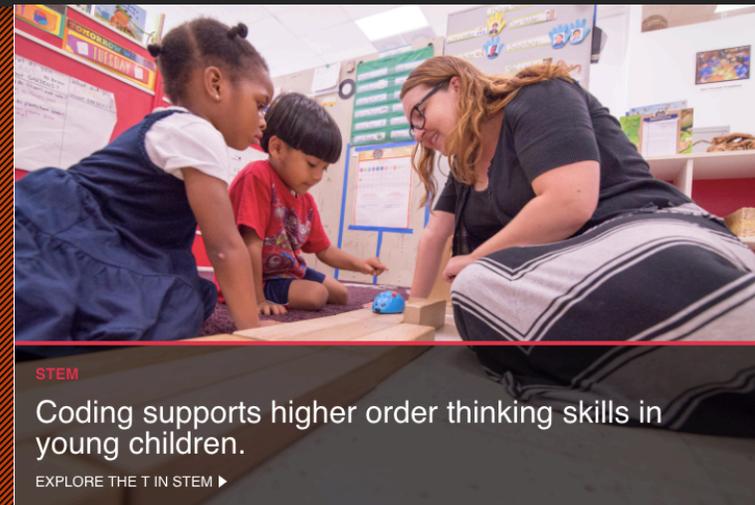


Variations in parent use affects their parenting with and about technology



REPEAT FOR OTHER FAMILY MEMBERS, ESPECIALLY CHILDREN

- Use varies
- Influences on use vary
- Outcomes from use vary
- The research is still coming out
- Which leaves us here:



Debate: Technology is a health hazard that contributes to family adversity

- PRO (YES)
- CON (NO)
- CRITICAL LISTENERS

- Take 3 minutes to prepare your argument.
- 3 minutes per side; 1 minute follow up; 4 minutes observations

Results of our debate lead us here: TO YOU

How can we help empower families to use technology in ways that are helpful?

- What do we teach?
- What technology do we use to teach well?
- What technology practices do we model?

As professionals, what skills, knowledge and resources do you need to tackle this area?

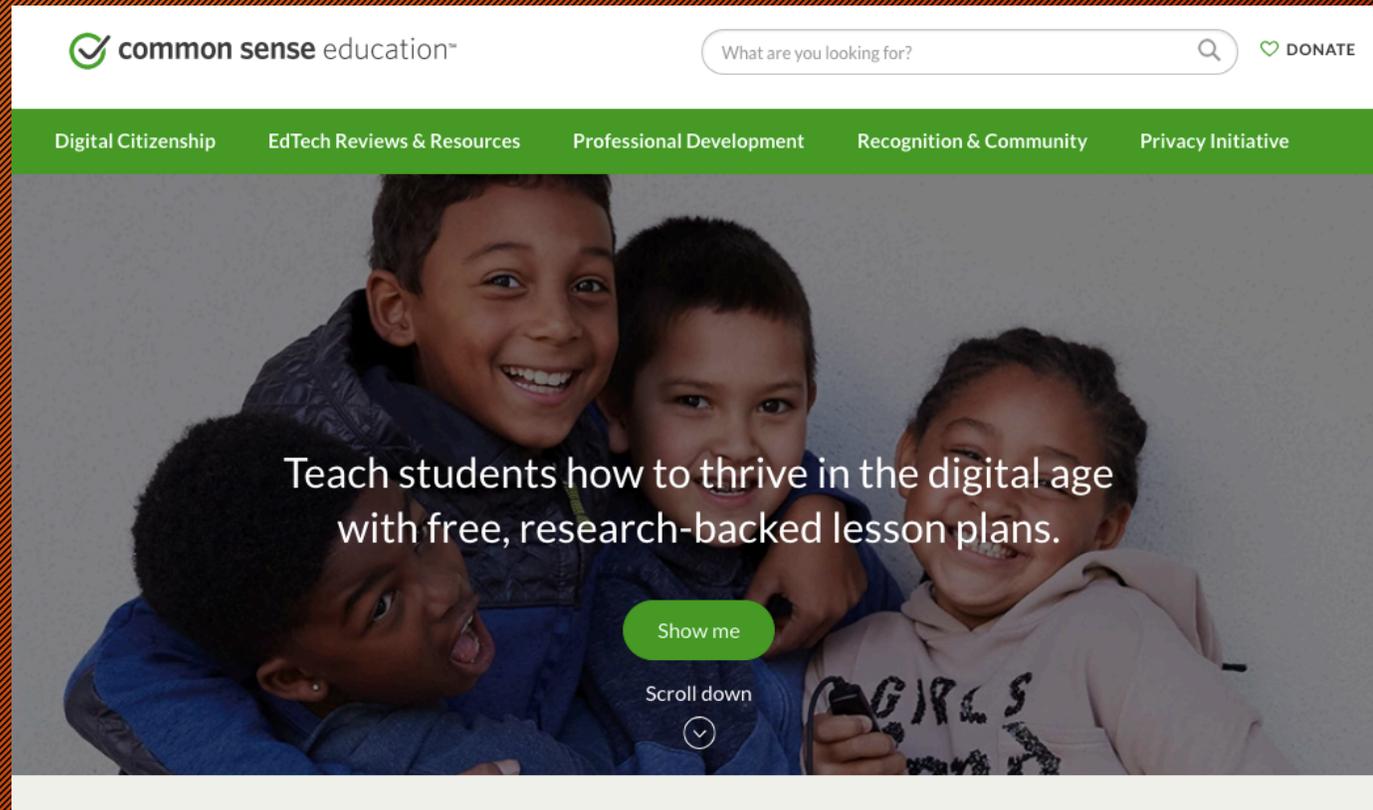
Family Professionals competence and skill related to tech Integration/ tech as a content area

Technology as a content area and as in delivery of service to families for enhancement of family life

Technology use by families; impacts on individuals and on families from technology use.

Technology as a content area for education

- <https://www.commonsense.org/education/>

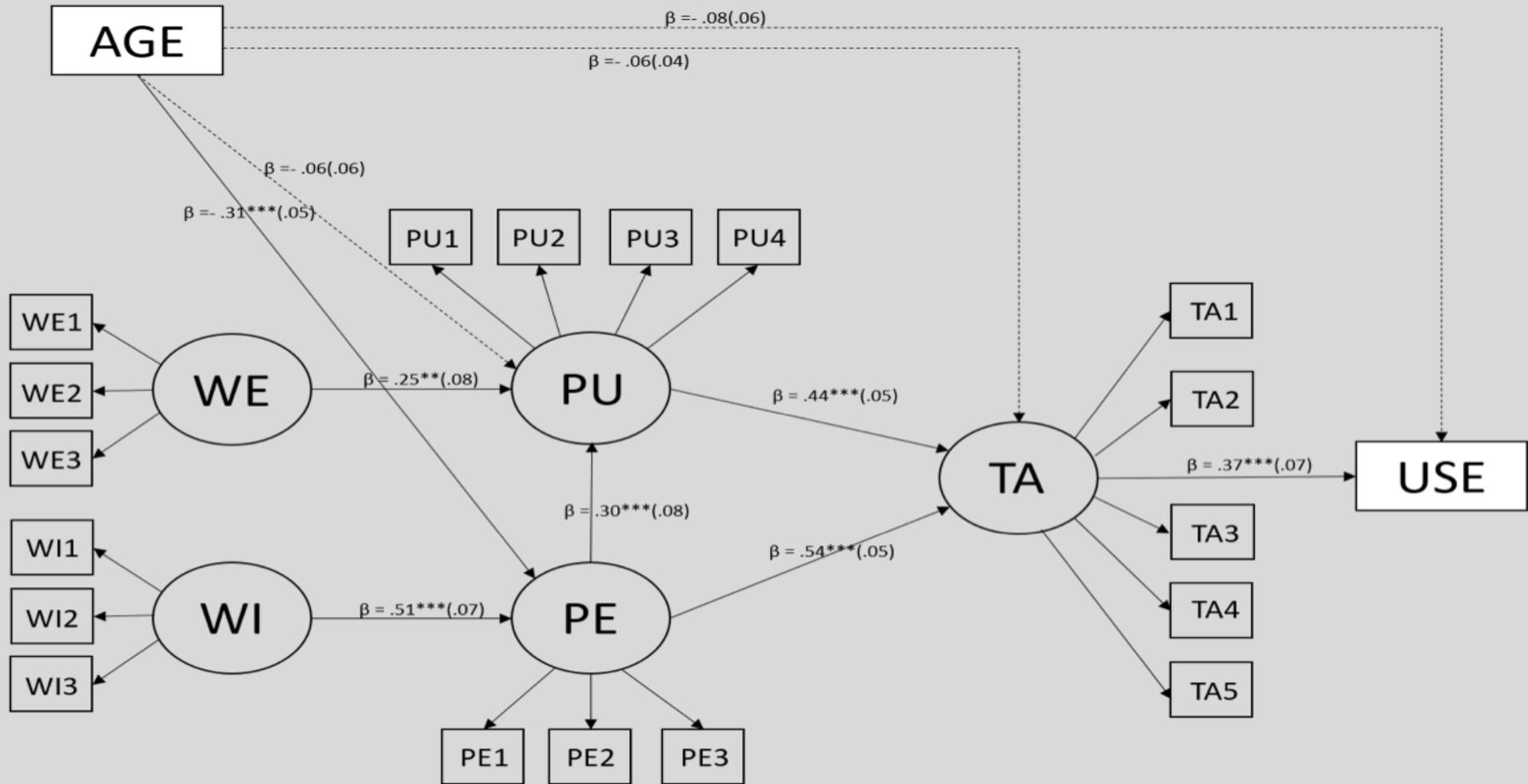


Other resources that you like?

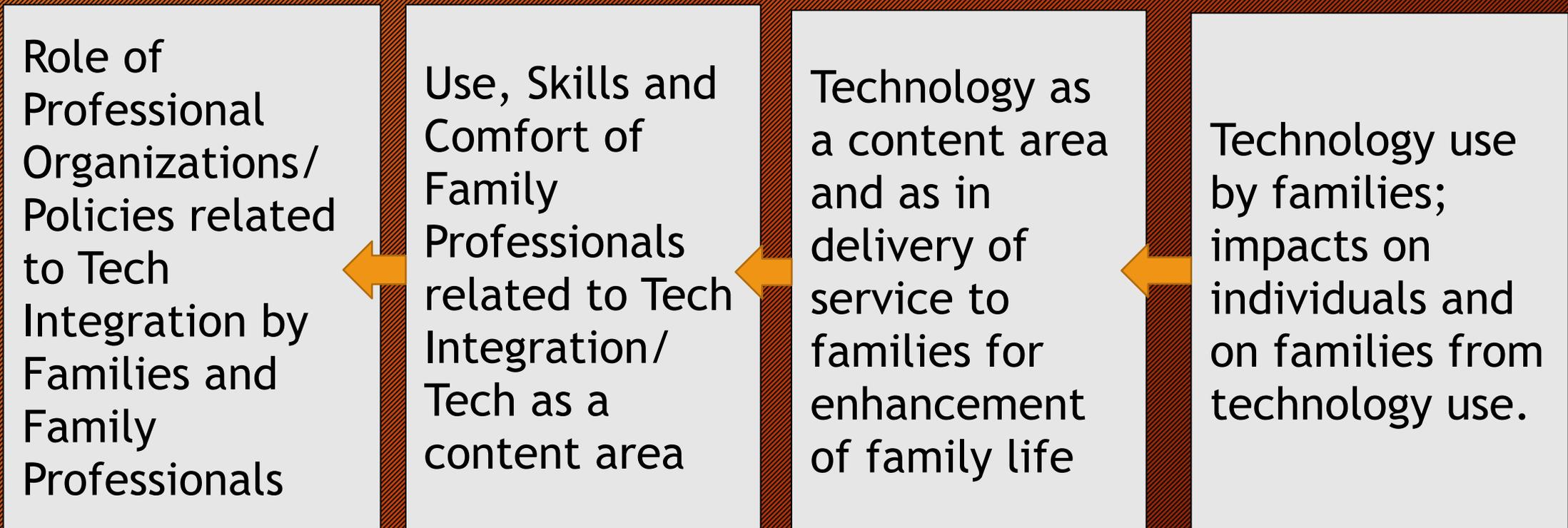
As professionals, what skills, knowledge and resources do you need to tackle a new area?

- TIME - to learn, to play, to explore, to problem solve, to talk to others
- QUALITY DEVICES (not your personal technologies)
- A WORKPLACE CULTURE AND CLIMATE THAT MAKES TECHNOLOGY INTEGRATION A PRIORITY
 - Ongoing learning communities, not a single professional development event
 - Reliable technology support
 - Clear, accessible policies on using technology, including social media, that are clear
 - A culture of support and interest that is fostered. Technology is clearly something that your organization has invested in. For your work.
- PROFESSIONAL STANDARDS THAT GUIDE ETHICAL, KNOWLEDGEABLE, UP TO DATE, FORWARD THINKING PRACTICE

Parenting Educators' Technology Attitude and Use Predictors



Integrated areas of work in technology, or *How does this relate to your job?*



Field Foundations Related to Research and Practice on Technology in Family Life

- Training for practitioners
- Standards for practitioners
- Promotion of quality research involving technology (e.g., privacy, ethical standards) and about technology
- Advocate and support theories and conceptual frameworks to advance the field

What questions do you have? How can information help you feel a little more comfortable with technology integration?

What resources do you need? Where can we find them together?

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THANK YOU!