

Appendix D: Brainstorm Responses Round Two

Outdoor Play Pattern Questions

- How is the data visualized?
- How does it support prosocial behavior?
- Does the system signal positive feedback?
- How does the system signal when intervention is needed?
- How can I give feedback to the system?
- How often are alerts? (disruptive?)
- Does gamification have unintended / harmful effects?
- How does the system support and highlight community?
- What about false negatives, false positives?
- How can we clarify the context of the data?
- What kinds of data are flagged?
- How does the system highlight the positive?
- How does this support empathy?
- Can the child correct the assessment?
- How does the system decide what to track?
- Can the community decide what to track?
- Who makes decisions?
- Are students penalized?
- Does the AI suggest actions?
- Does this support trauma-informed care?
- If harm does occur, who is liable?
- What are the real benefits?
- How is the data secured?
- Can the AI find data privacy violations?
- How do we make sure the data isn't abused?
- Will this data embarrass my kid?
- How does this support large-scale impact?
- Is the data saved?
- Is there third-party data access?
- Who can access the data?
- Will this data harm my family? Is this solving a BIG problem or is this just another technology?
- Are the benefits of video data worth it?
- Is the data anonymized?
- How long is the data stored?

AI for Cognitive Assessment (did not have specific product in mind)

- AI for exploration (recommend) not outcome
- Prediction child outcome or child development

- Control use for predictive purposes
- Delineate predictions OK vs scary ends
- Assessment to determine eligibility or instructional strategies?
- Cost? ROI?
- Recording assess
- Training teachers? Replaced teachers?
- Cultural linguistic appropriate (appropriation?) by AI?
- What is typical development?
- IEP?
- AI used to integrate data from all sources, make it useful
- Give information to parents – raw? Parent-based and teacher-based benefits
- Assessment not just for reflection
- AI Tech supporting early interventions
- Does it help bias?
- Does assessment flag to inform instruction?

Crying App Questions

- Is the data available to researchers? Is it open data? How?
- Can the tech distinguish between children?
- What tech does it require?
- Do you have to have the latest tech to use it?
- What's the error rate? (misdiagnosis, false readings)
- Can this teach a new mom, i.e. not just assess the cry?
- "Consent" in infant context; smile or laugh
- Is it problematic to rely on this technology?
- How is it validated?
- What expertise do the developers have?
- Could this trigger government involvement (child welfare, police, immigration)?
- If so, are parents informed?
- Are child age-ranges needed for appropriate assessment?
- Does it teach parents or diagnose?
- Is there a combination to make it more reliable, e.g. cry vs fever?