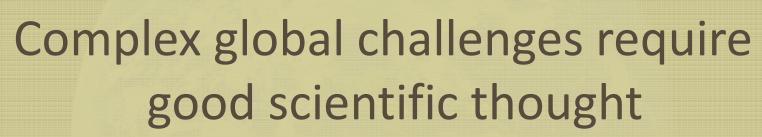
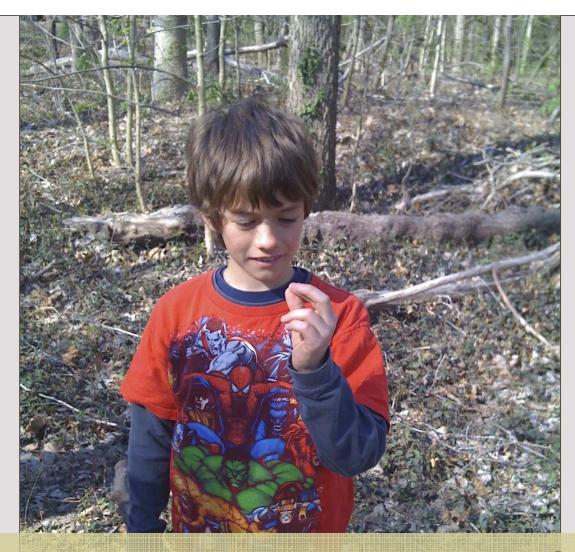
Increasing Youth Environmental Engagement Through Location-based Mobile Games

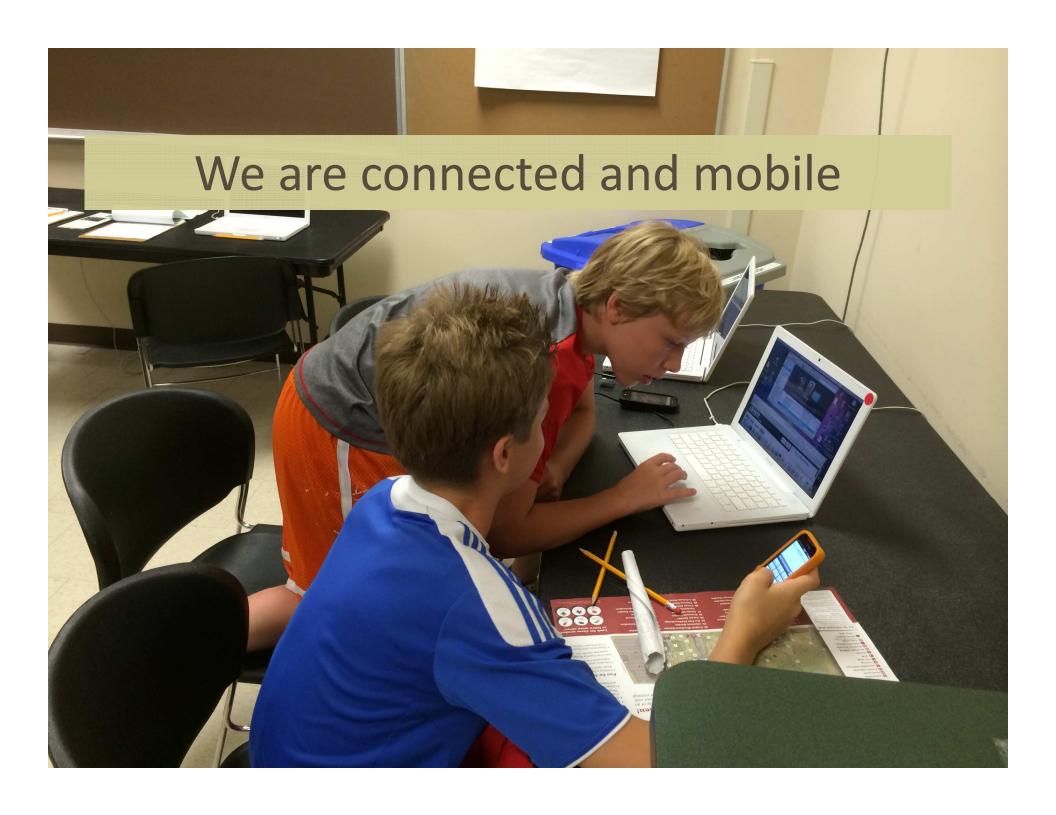








Years 10-13 are important for developing identity



Informal Community Science Investigators (iCSI)

- Location-based mobile games
- Informal learning institutions
 - •Ages 10-13
- Science learning and positive community involvement

iCSI Team





Massachusetts Institute of **Technology**

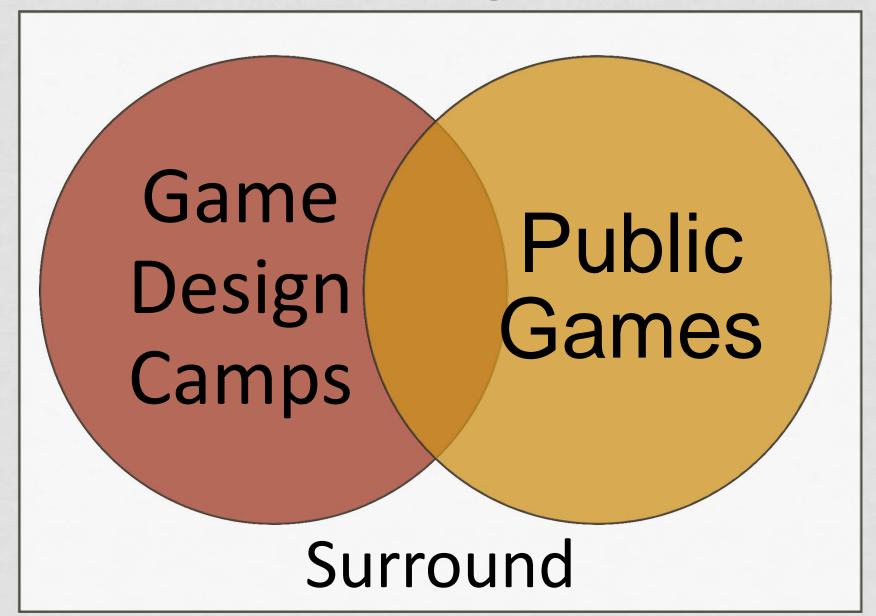




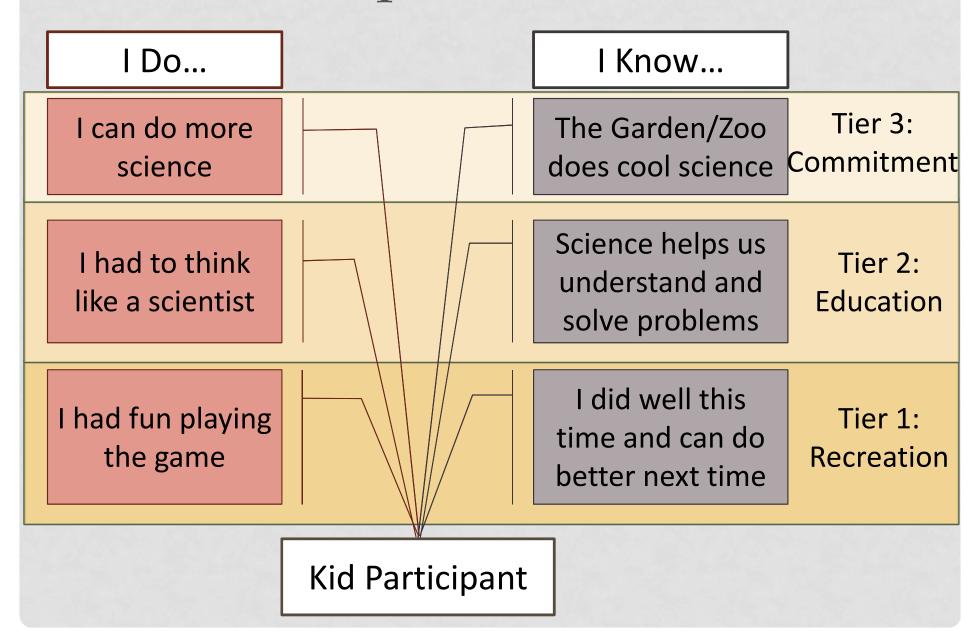




iCSI Program

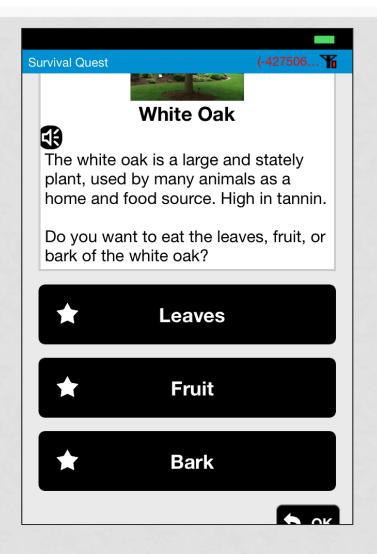


Participant Outcomes



What Is a Location-Based Game?





Why Location-Based Games?

- Games can be useful teaching tools
- More interactive than a tour
- Kids report noticing and learning new things
- Encourage interaction with the physical environment



Challenges

- Software development
- New paradigm for games
- "Do" stage—moving from games to action
- Finding visitors aged 10-13



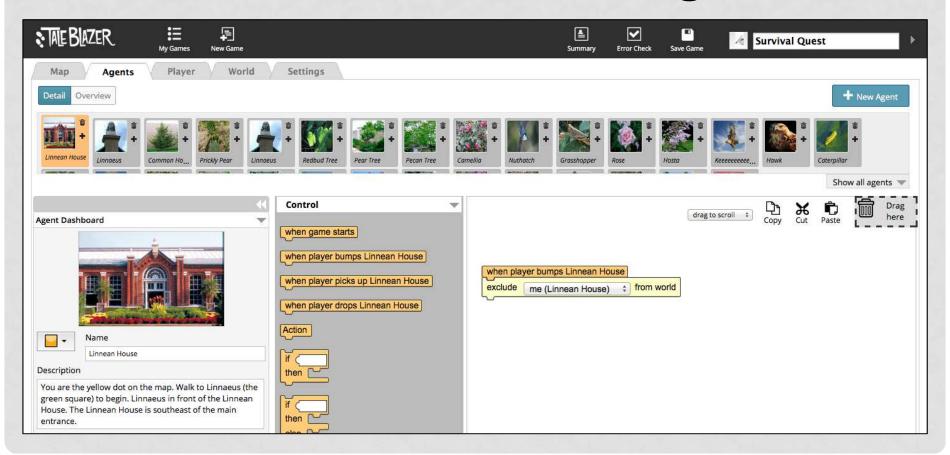
Successes

- Fun!
- Better games
- Summer camps
 - A lot of interest
 - Fun and learning
 - Retention





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