

Molly Smucker Helene Woyczesczyk

Key Terms



Sustainable Development Goals



































Sustainable Development Goals



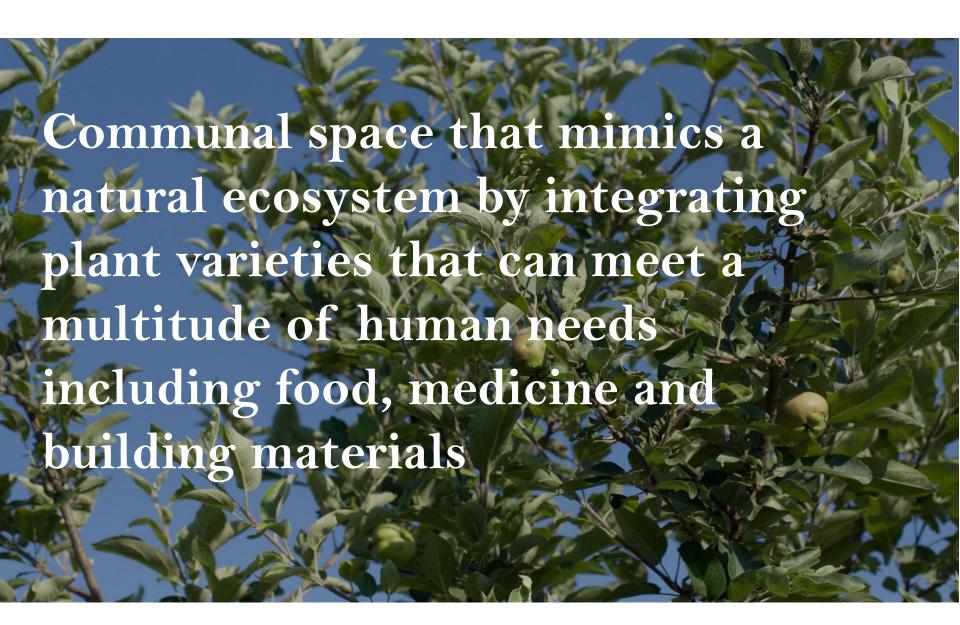
Education for Sustainable Development

"ESD is about empowering and motivating learners to become active sustainability citizens who are capable of critical thinking and able to participate in shaping a sustainable future. Pedagogical approaches ... are learner-centered, action-oriented and transformative" (UNESCO, 2017)

Permaculture



Food Forest

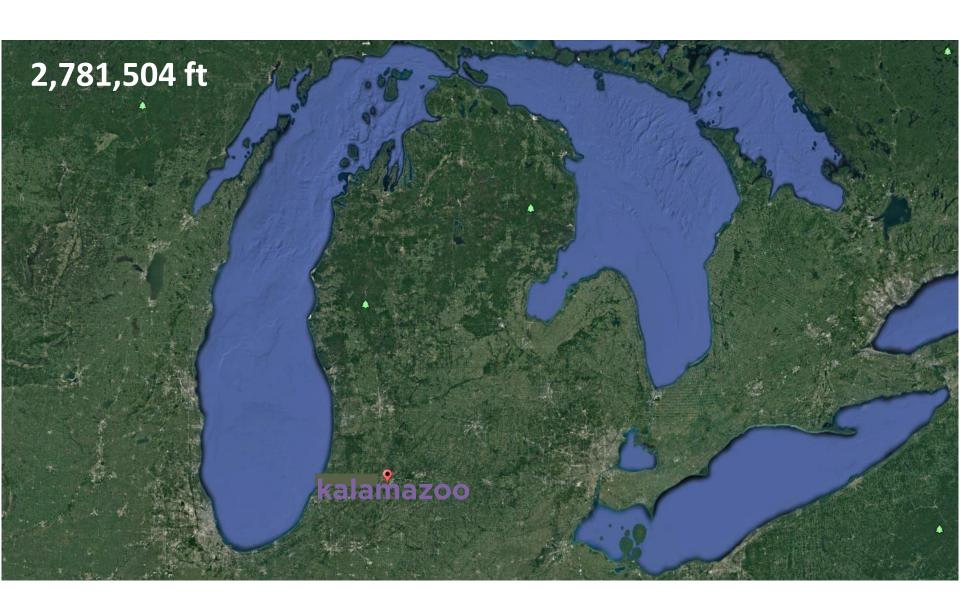


Biodiversity



Inviting Diversity









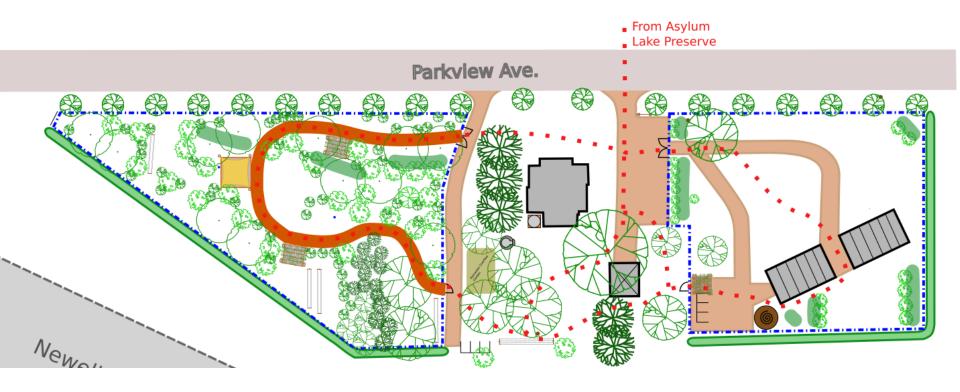
The Gibbs Permaculture Research and Demonstration Site



Western Michigan University Gibbs House Property Master Plan

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Zero Hunger



Zero Hunger: Combat Hunger



Zero Hunger: Connect Food to People in Need



Zero Hunger: Farm to Fork



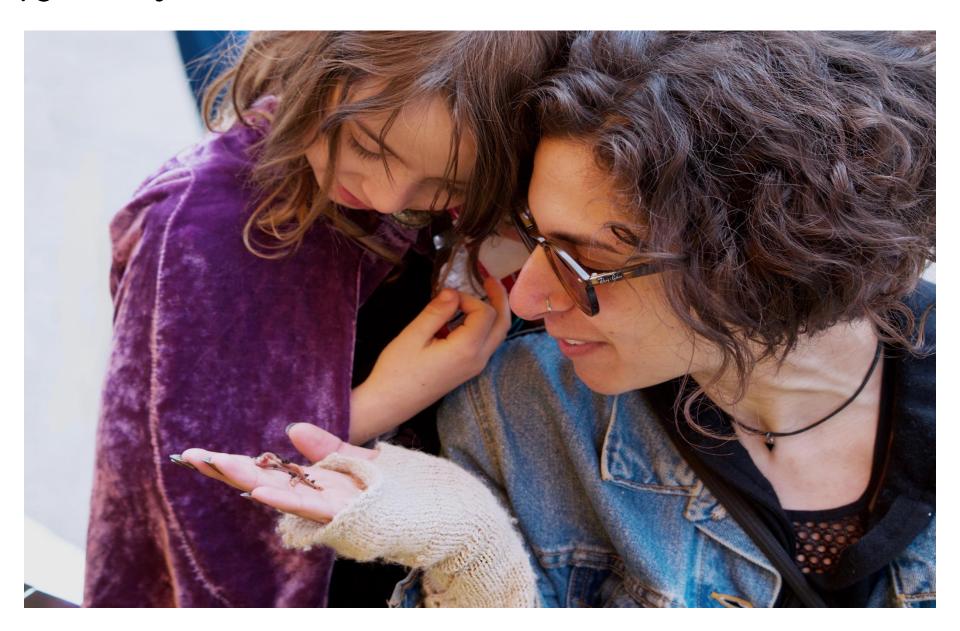
Zero Hunger: Promote Improved Nutrition



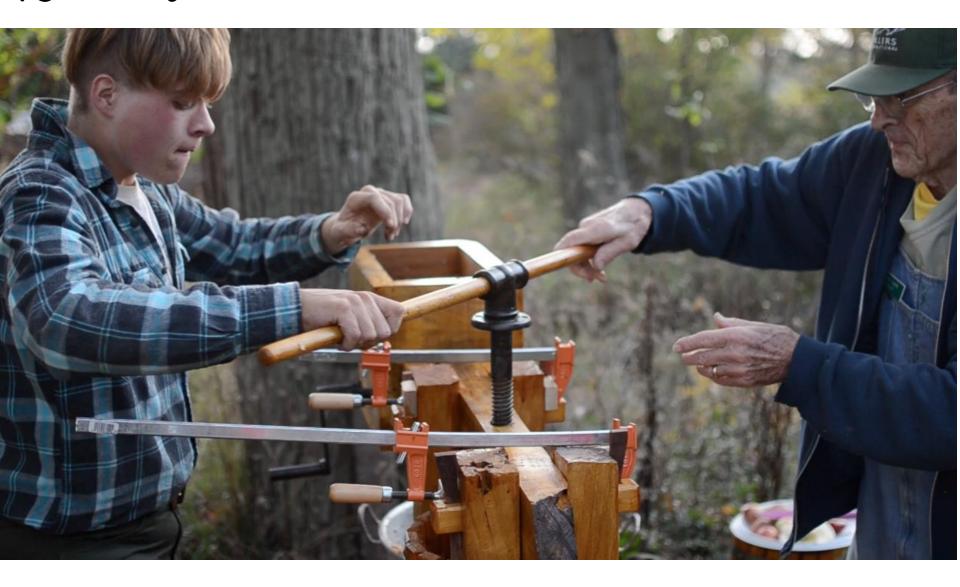
Quality Education



Quality Education: Plan an ESD Project



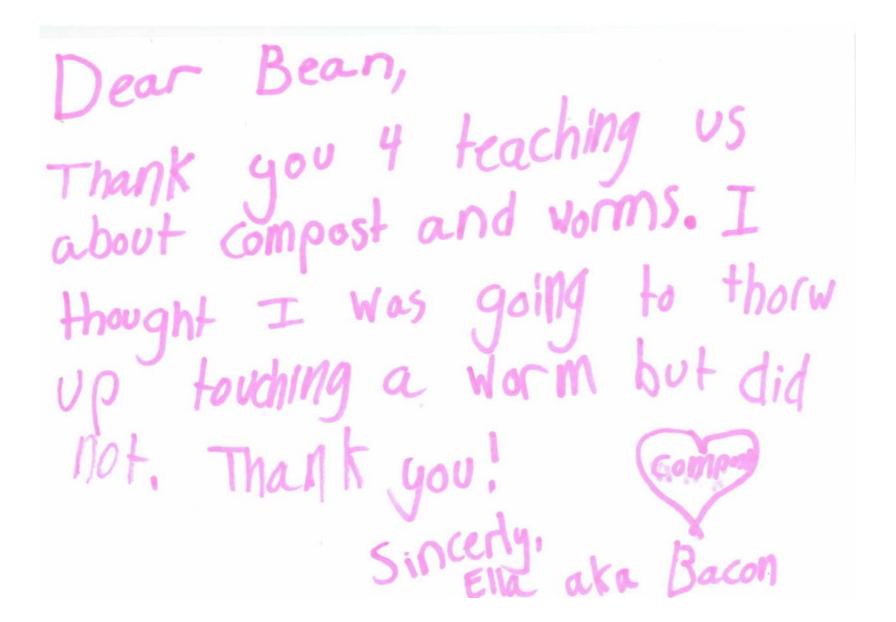
Quality Education: Develop Partnerships



Quality Education: Implement ESD for All



Quality Education: Empower Young People



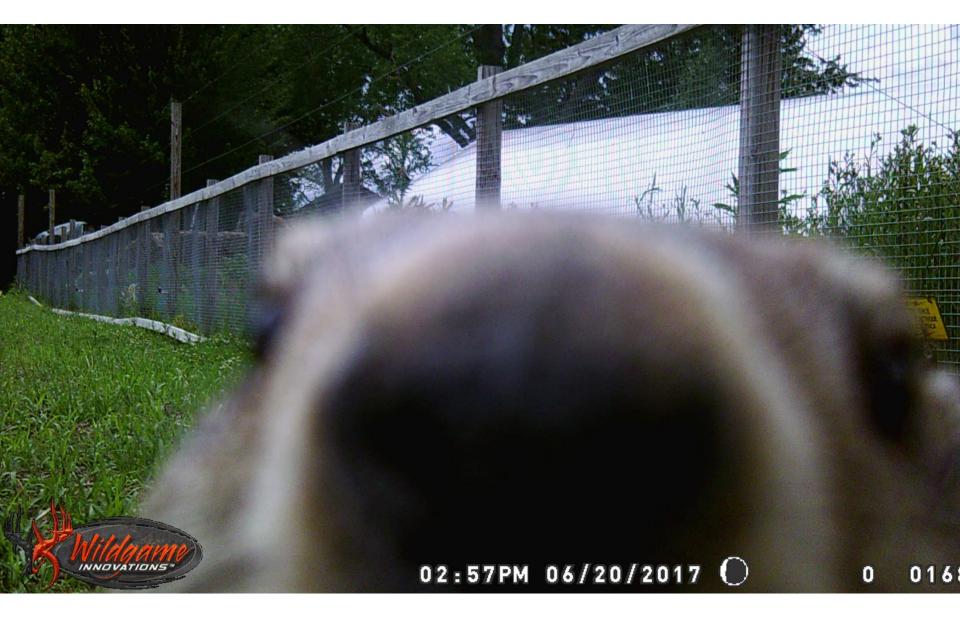
Life on Land



Life on Land: Empathy with Nonhuman Life



Life on Land: Harmony with Nature



Life on Land: Plant a Wildlife Garden









Life on Land: Composting Workshop



Challenges



Closing Thoughts



References

- United Nations Educational, Scientific and Cultural Organization. (2017). *Education for sustainable development goals*. Paris: France. Place de Fontenoy.
- Farrell, J. J. (2010). *The nature of college*. Minneapolis, MN: Milkweed Editions
- Hemenway, T. (2009). Gaias Garden: A guide to home-scale permaculture (2nd Ed.). Hartford, VT: Chelsea Green Publishing.

Thank you, Beks and Isaac, for photos and edits!