

Pond/Garden Science Curriculum Connections

Science

- **Life Science:**
 - Ecosystems
 - food chains/webs
 - Adaptations
 - Pollination
 - Decomposition
 - Habitats
 - Biodiversity
 - hydroponics
- **Earth & Environmental Science:**
 - Water cycle
 - soil composition
 - weather impacts
 - Sustainability
 - human impact on natural systems
 - Agrivoltaics
- **Physical Science:**
 - Light and heat absorption in water vs. soil
 - buoyancy experiments
 - Erosion
 - energy transfer in ecosystems.
- **STEM/Engineering:**
 - Designing irrigation systems
 - building birdhouses or pollinator hotels
 - testing water quality