

Designing Educational Space to Grow
Creative Learning



1. Turning & Exploring the Soil

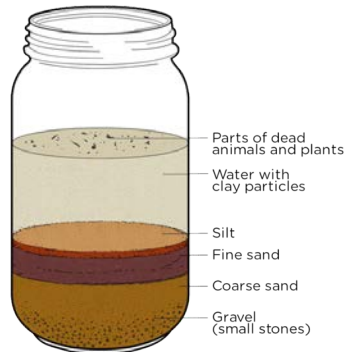
What happens on your first dig?





2. Turning & Exploring the Soil

What is in your soil? Is it ready?



3. Know Your Seeds & Your Goals

What makes each seed unique?





4. Know Your Seeds & Goals

What will your garden become?



5. Plans to Grow & Self-Sustain

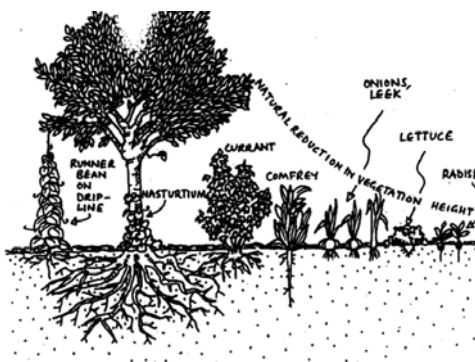
Can the system become self-directed?



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6. Plans to Grow & Self-Sustain

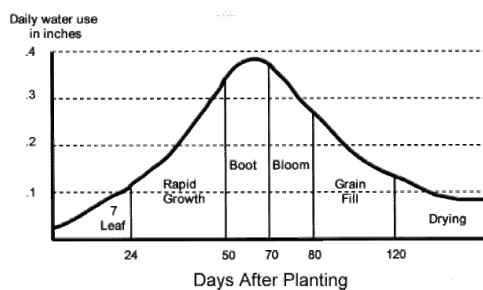
How will each zone support one another?



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7. Plans to Grow & Self-Sustain

When are fertilizer and water needed?



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8. Co-Create and Observe

How do you collaborate with the elements?



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9. Co-Create and Observe

What do you notice? What is needed?



+ 10. Let the Garden Do the Work
How does each plant grow separately, together?



+ 11. Harvest and Reflect
When you harvest, what do you find?

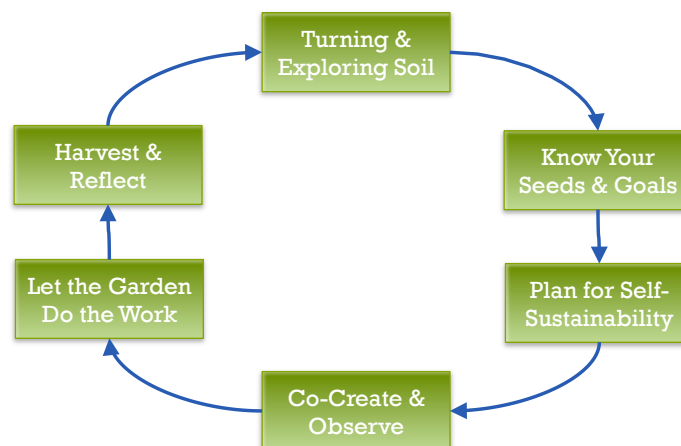




12. Harvest and Reflect— What new zone will you cultivate?



Creative Learning Design Cycle



+ Cultivating Creative Learning



Soil

- School culture and systems for learning

Seeds

- Unique talents, interests, and cultures of students

Garden designs

- Art and academic disciplines

Water

- Creative engagement feeding students daily

Fertilizer

- Studio Habits of Mind boosting growth

Garden zones

- Different learning environments in school

The harvest

- Student performance of skills and ideas

+ ArtCore: Turning & Exploring



Oaklea

- Need for visual arts class for students and eager students

Kelly

- Seeking renewal for PILOTS unifying framework

Hamlin

- New building designed as a *STEAM* school

Network Charter

- Strong music program recently dissolved and arts integration happening across content areas

Cascade

- New faculty and new administration open to new approaches

+ ArtCore: Know Your Seeds and Goals

3 Strands of Arts Integration

1. Metacognition and Studio Habits of Mind
2. Social and Emotional Learning
3. Arts and Academic Standards

+ ArtCore: Plan to Self-Sustain

Kelly

- PILOTS unifying framework explored and assessed

Network Charter

- Providing consistent opportunities to express creativity

Oaklea

- Teach SHOM explicitly through a theme of self-identity

Hamlin

- Transferrable skills in physical communication workshop

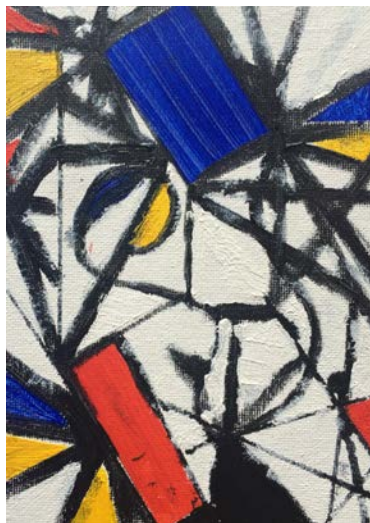
Cascade

- SHOMroom activities to practice SHOM deliberately

+ Hamlin: Let the Garden Do the Work



+ Cascade: Let the Garden Do the Work



+ Oaklea: Let the Garden Do the Work



+ Network: Let the Garden Do the Work



+ Kelly: Let the Garden Do the Work



+ ArtCore: Harvest and Reflect

Kelly

- PILOTS nominations and coloring books at Howard

Oaklea

- Oaklea ArtCore Presentations & SHOM self-assessment

Hamlin

- Theatrical science performances

Cascade:

- ArtCore Greek Pentathalon

Network Charter:

- Artwork exhibited at ArtCore PopUp

+ Unshakeable Sense of Possibilities



+ Image Credits

- Shovel: <http://besttranslationservices.com/tiny-translation-mistakes-that-lead-to-huge-problems/>
- Seeds: <http://www.thriftyfun.com/Saving-Seed-from-Hybrid-Plants-1.html>
- Soil: <http://www.thunderboltkids.co.za/Grade5/04-earth-and-beyond/images/gd-0035.png>
- Garden type 1: <http://www.epicgardening.com/wp-content/uploads/2015/05/vertical-garden.jpg>
- Garden type 2: <http://www.onedaynever.com/vegetable-garden-plan-for-beginners.html>
- Garden type 3: <https://s-media-cache-ak0.pinimg.com/736x/a0/56/2a/a0562a9384c50ff102bbb4f39701ee1b.jpg>
- Garden type 4: https://c6.staticflickr.com/5/4114/4879113397_2a74fea730_z.jpg
- Permaculture 1: <https://halifaxgardennetwork.wordpress.com/2012/05/08/garden-talk-permaculture-and-food-forest-gardens/>

+ Image Credits

- Permaculture 2: <http://imgur.com/a/aTPS8>
- Watering schedule: <http://www.soilcropandmore.info/crops/sorghum/wateruse.gif>
- Hands digging: <http://ritapal.info/>
- Watering: <http://www.wikihow.com/Plant-Your-First-Garden>
- Garden box: <http://www.harvesttotable.com/wp-content/uploads/2009/04/Companions-in-the-garden1.jpg>
- Veggie basket: <https://www.growjourney.com/wp-content/uploads/2015/03/organic-garden-harvest.jpg>
- Front yard: <http://www.treehugger.com/lawn-garden/stay-home-dad-wins-right-front-yard-vegetable-garden.html>
- Rooftop garden: <http://www.cnn.com/2015/04/15/travel/amazing-gardens/>