

FAIRBANKS MUSEUM & planetarium

Household Science for Preschool

Information on Soil to Grow Food

Teachers: Carolyn Guest and Libre Drouin

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The following instructions represent additional resources for continued study of the topics covered in our "Household Science for Preschool" online class. All materials are the property of Balch Nature School Director Carolyn Guest and Assistant Director Libre Drouin who created them.

"Soil, Food to grow in": May 18th Video Resources

Links for more about soil and projects for young children:

- <https://www.massaudubon.org/content/download/13466/209560/file/PreKTeachingUnits-SOIL.pdf>
- https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/edu/?cid=nrcs142p2_054313
soil songs
- <https://www.doctordirt.org/dirt-pudding>
- <https://dec.vermont.gov/sites/dec/files/wmp/SolidWaste/Documents/Universal-Recycling/The-Dirt-on-Compost.pdf>



Recipe for Soil Parfaits

Ingredients are suggested and can be customized to individual likings, adjust the quantity to how much you are making and availability of ingredients. For a single serving I used a generous $\frac{1}{4}$ cup for each kind of yogurt.

Bed rock layer: rice cake, solid crackers or cookies

Parent Material: crumbled graham crackers or cookies (larger pieces to represent crumbled stone, shells, sticks, stones type materials.)

Sub soil: yogurt – plain or any light colored favorite flavors, I used brown sugar in my plain yogurt or you can use pudding, vanilla or butterscotch would work well.

Top soil: Chocolate yogurt or chocolate pudding (Note to make an easy chocolate yogurt for each ½ cup of plain yogurt, add 2 heaping teaspoons of hot cocoa mix and a half teaspoon of powdered cocoa, dark chocolate powdered cocoa is even better, make this at least 30 minutes ahead of time)

Ground litter: crushed chocolate graham crackers or bunnies and granola

To make your soil parfait, layer ingredients in the order given, topping with your ground litter. You may also add gummy worms or insects, shredded coconut colored green etc. to create your own special soil. What might you use to make this even better? *Enjoy*