

Emerson Garden Based Education
9th grade Geography

Very Preliminary Calendar 2007-2008 -- Updated 5-7-07

1st Semester Classes	
Beginning of School garden visit #1 preparation	Visit the garden and observe crops planted last spring. Discuss physical geography (how the sun moves, Davis climate compared to other parts of the world) Have crop examples. Observe cotton in 8 th grade plot. Subsistence vs commercial farming. Purchase seeds for fall planting. Set up harvest and planting dates. Get volunteer help.
Late September? mapping activity	Map – Areas of crop domestication and major cities.
October cooking activity	Flat breads- staple crops and cultures around the world
October harvest garden activity	Harvest crops in plot and observe crops in 7 th and 8 th grade plots. Hang crops in classroom to dry and mature. Learn about nitrogen fixing, cover crops and improving the soil (soybeans) Learn about useful herbs from around the world (used for household, dyes, medicine, etc.)
October plant garden activity	Clean up beds, dig, mulch and plant winter crops (rye, wheat, oats, lentils, teff, barley, alfalfa, fava, buckwheat?, potato, carrots?) Compare climate and planting schedule world and Davis. Process crops, get seeds. Learn about saving seed to replant.
November cooking activity	Amaranth cakes and millet. Nutrition of staple crops.
Late November garden visit #2	Everything growing? Pests or weeds a problem? Also observe crops in 7 th and 8 th grade plots (flax, root crops, herbs)
Early January garden visit #3	Talk about??
End of January cooking activity	Geography bars. Summary of garden related geography.
2nd Semester Classes	
Early February garden visit #1	Visit the garden and observe crops planted last fall. Discuss physical geography (how the sun moves, Davis climate compared to other parts of the world) Have crop examples. Subsistence vs commercial farming.
March? mapping activity	Map – Areas of crop domestication and major cities.
Mid March cooking activity	Flat breads- staple crops and cultures around the world

March garden visit #2 preparation	Everything growing? Pests or weeds a problem? Also observe crops in 7 th and 8 th grade plots (flax, root crops, herbs) Purchase seeds for spring planting. Set up harvest and planting dates. Get volunteer help.
Mid April cooking activity	Amaranth cakes and millet. Nutrition of staple crops.
Mid May Harvest garden activity	Harvest crops in plot and observe crops in 7 th and 8 th grade plots. Hang crops in classroom to dry and mature. Learn about nitrogen fixing, cover crops and improving the soil (alfalfa and fava) Learn about useful herbs from around the world (used for household, dyes, medicine, etc.)
Mid May plant garden activity	Clean up beds, dig, mulch and plant winter crops (soybeans, 4 types millet, sweet/grain sorghum chickpea, buckwheat, pigeon peas, Asian and African rice, quinoa, amaranth, corn, beans, cowpeas, squash, sweet potatoes, sugar cane, taro, sugar beets) Compare climate and planting schedule world and Davis. Process crops, get seeds. Learn about saving seed to replant.
June	Geography bars. Summary of garden related geography.
End of school garden visit #3	Is everything growing? Do we need to replant? Weeds and pests? Talk about??
Summer	Keep garden weeded and watered.