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| Garden Area | Plant | Curriculum Connections |   |
|  Herb Garden (can stay til Fall) | Chives | Science: Sense Exploration Social Studies: Colonial History (colonial gardens) |   |
|   | Cilantro | Science: Sense Exploration |   |
|   | Oregano | Science: Sense Exploration |   |
|   | Parsley | Science: Sense Exploration |   |
| Fruit and Vegetables |  Beans (late s ring/early summer) | Science: Plant Life CycleSocial Studies: Native Americans/Colonial History Math: Measuring, Graphing (bean growth over time) |   |
|   | Beets (late Spring til Fall) | Art: Natural Dyes |   |
|   | Kale (late Spring til Fall) |  Culinary connection: Southern food/nutrition |   |
|   | Peas | Science: Genetics (Mendel), Soils (nitrogen fixing), Plant Life Cycle, Flower DissectionMath: growing over time graphing |   |
|   | Radish | nutrition |   |
|   | Spinach | nutrition |   |
|   | Swiss Chard (late spring to fall) | nutrition |   |
|   | Strawberries | Science: Plant Life Cycle, Asexual and Sexual Reproduction |   |
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Late Summer/Fall Planting

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| Fruit and Vegetables | Broccoli | Science: Plant Parts, nutrition |   |
|   | Carrots | Salad |   |
|   | Corn | Social Studies: Native Americans/Colonial History (Three Sisters Garden), Maya, Inca and Aztecs, Colombian ExchangeCompanion Planting (beans and Squash) |   |
|   | Eggplant | Science: Plant Life Cycle |   |
|   | Hot Pepper | Science: Plant Life Cycle |   |
|   | Potato | Social Studies: Incas, Colombian Exchange (between Americans and Europe) |   |
|   | Pumpkin | Science: Plant Life Cycle |   |
|   | Squash | Science: Plant Life CycleSocial Studies: Native Americans/colonial history |   |
|   | Tomato | Science: Plant Life CyceSocial Studies: Colombian Exchange (between Americas and Europe)Pizza, salsa |   |
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| Grade | Lesson | Resource |
|   | Weather | [Seasons on a Farm](https://growing-minds.org/lesson-plans/seasons-and-weather/) |
|   | Soil | [Soil Temperature Lesson](https://growing-minds.org/lesson-plans/soil-temperature/)[Soil Exploration](https://growing-minds.org/documents/soil-exploration-lesson-plan.pdf/)  |
|   | Writing | [In Our Backyard Garden](https://growing-minds.org/childrens-literature/in-our-backyard-garden/) |
|   | Life Cycles/ Animals | [An earthworms life](https://growing-minds.org/childrens-literature/an-earthworms-life/)[Yucky Worms](https://growing-minds.org/childrens-literature/yucky-worms/)[Brilliant Bees](https://growing-minds.org/childrens-literature/brilliant-bees/)[Where Butterflies Grow](https://growing-minds.org/childrens-literature/where-butterflies-grow/) |
|   | Plant Function | [What Do Roots Do?](https://growing-minds.org/childrens-literature/what-do-roots-do/)[Stems](https://growing-minds.org/childrens-literature/stems/)[Beans](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/1-B.Needs-Skills-Bean.pdf)  |
| k-2 | Animals/Plants | [Edible vs non edible](https://growing-minds.org/lesson-plans/edible-vs-non-edible/)[Decomposition and Decomposers](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/K-Decomposition-and-Decomposers.pdf)[Searching garden safely](https://growing-minds.org/documents/searching-garden-safely-lesson-plan.pdf/)    |
|   | English and Language Arts | [Seasons and weather](https://growing-minds.org/lesson-plans/seasons-and-weather/)[Tomato Exploration](https://growing-minds.org/documents/tomato-exploration-lesson-plan.pdf/)[Farmer at the Schoolhouse](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/2-ELA-Farmer-at-the-Schoolhouse.pdf)  |

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|   | Math | [Number-Flower Decomposition](http://www2.onu.edu/~a-henton/lessonplan.html)[Tinker Veggies](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/K-Math-Tinker-Veggies.pdf)[Plant Power](https://guilford.ces.ncsu.edu/k8/)[Garden Menu Math](http://georgiaorganics.org/wp-content/uploads/2012/10/Lesson-2c-Garden-Menu-Math.pdf)[Spider Web Hunt](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/1-Sorting-Spider-Web-Hunt.pdf) |
|   | Weather | [Changing Seasons and Changing Leaves](https://growing-minds.org/lesson-plans/changing-seasons-and-changing-leaves/)[Mini terrarium](http://www.lifelab.org/wp-content/uploads/2010/06/Sampler_Second.pdf)[Spring weather and invertebrates](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/1-Seasons-Spring-Weather-and-Invertebrates.pdf)[Spring Weather](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/2-Earths-surface-Spring-Weather.pdf)  |
| 3rd | Rock and Minerals | [Soil Stories](https://www.lifelab.org/wp-content/uploads/2010/02/2ndGradeSoilStories2012.pdf)  |
|   | Habitats | [Biodiversity in your community](http://gen.uga.edu/gen_biodiversity.html)[Butterfly Habitat](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Habitats-In-Garden-Butterfly-Habitat.pdf)[Six of one, Half dozen of another](https://www.lifelab.org/wp-content/uploads/2010/07/sixofone.pdf)[Hitchhiker seeds pg 16](https://www.lifelab.org/wp-content/uploads/2010/06/Sampler_Third.pdf)   |
|   | Pollution and Conservation | [Renewable Resources](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Pollution-Renewable-Resources.pdf)[The Pollution Department](http://gen.uga.edu/gen_pollination.html)[Water Cleaning Department](http://gen.uga.edu/gen_water.html)  |
|   | Heat Energy | [Exploring Habitats with Terrariums](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Heat-Energy-Habitats-Terrarium.pdf)  |
|   | English and Language Arts | [Drama in the Turnip PAtch](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Lit-Info-Speaking-Drama-in-the-Turnip-Patch.pdf)[Planting a love for literature](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Lit-Info-Foundational-Planting-a-Love-for-Literature.pdf)[Carrot Lesson plan](https://firstschoolgarden.files.wordpress.com/2012/06/carrot-lesson-plan-gfs.pdf)[The School Garden at Home](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-ELA-The-School-Garden-at-Home.pdf)  |
|        |  Math | [Bean Race](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Measurement-Bean-Race.pdf)[Map the Garden](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Measurement-Map-the-Garden.pdf)[Money Saving Garden](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Relationship-Multiplication-Money-Saving-Garden.pdf)[Fraction Salad](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Representing-Comparing-Fractions-Fraction-Salad.pdf)[Serving Sizes](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/3-Representing-Comparing-Fractions-Serving-Sizes.pdf)  |
| 4th | Weather | [Weather round up pg 13](https://www.lifelab.org/wp-content/uploads/2010/06/Sampler_First.pdf)[Spring](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Weather-Spring-Weather.pdf)  |
|   | EcosystemsFood webAdaptation | [What is an Ecosystem](http://gen.uga.edu/gen_ecosystem.html)[Bugs in the Garden](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Ecosystems-In-Garden-Bugs-in-Garden.pdf)[Garden Food Chain](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Food-Chain-Garden-Food-Chains.pdf)[Garden Habitats](https://www.lifelab.org/wp-content/uploads/2010/02/4thGradeHabitats2012.pdf)[Ecosystem](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Ecosystems-Skills-Ecosystem.pdf)[Invasive Species](http://www.nhptv.org/natureworks/nwep15tg.htm)  |
|   | English and Language Arts | [Following Food from Farm to Fork](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-ELA-Following-Food-from-Farm-to-Fork.pdf)Planting a Love for Literature (above)Drama in the Turnip Patch (above) [Writing a Plant Biography](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Writing-Writing-a-Plant-Biography.pdf)[Plant This is your Life!](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-ELA-Plant-This-Is-Your-Life.pdf)[Writing Instructions for a School Garden Bed](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-ELA-Writing-Instructions-for-a-School-Garden-Bed.pdf)  |
|   | Math | Serving Sizes (above)Fraction Salad (above)[In a pickle](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Fractions-In-a-Pickle.pdf)[Frog Garden Party!](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Math-Frog-Garden-Party.pdf)Map the Garden (above)[Food Label](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Math-Food-Labels.pdf)   |
|   | Social Studies | [creating a three sisters garden](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Historical-Creating-a-Three-Sisters-Garden.pdf)[Finding, Gathering, Saving Seeds](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Historical-Finding-Gathering-and-Saving%20Seeds.pdf)[The Dehydrated Garden](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-SS-The-Dehydrated-Garden.pdf)[Community Interdependence](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/4-Economic-Community-Interdependence.pdf)  |
| 5th | Earth Science | [Beach Reclamation lab](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-Destructive-Forces-Beaches.pdf)[Soil in your Community](http://gen.uga.edu/gen_soil.html) |
|   | Life Science | [Plant Classification](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-Classification-Classification.pdf)[Animal vs Plant cell](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-Cells-Animal-vs-Plant-Cell.pdf)[Bend a Carrot](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-Cells-Bend-a-Carrot.pdf)[Edible Cell](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-Cells-Edible-Cell.pdf)  |
|   | English and Language Arts | Drama in the Turnip Patch (above)Following Food from Farm to Fork |
|   | Math | Fraction Salad[Germination Rate Math](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-fractions-Germination-Rate-Math.pdf)[T.I.P.S Carrot Math](https://firstschoolgarden.files.wordpress.com/2012/06/carrot-tips-math-problem-gfs.pdf)[Volume of the Garden](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-Volume-Measurement-Volume-of-the-Garden.pdf) |
|   | Social Studies | Community Interdependence[Food Roots and Routes](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-Economic-Food-Roots-and-Routes.pdf)[Food Systems Feed the World](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-Geographic-Food-Systems-Feed-the-World.pdf)[Victory Garden and WW2](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/5-Historical-Victory-Garden-and-WWII.pdf)  |

Middle School

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| Grade | Subject | Lesson |
| 6th  | Earth | [Earth Cycles](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/6-Earth-Materials-Earth-Cycles.pdf)[Soil Profiles in Film](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/6-Earth-Materials-Soil-Profiles-in-Film.pdf)[Why does Organic matter matter?](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/6-Why-does-organic-matter-matter.pdf) |
|  | Human Impact on the Earth  | [Take Out the Trash](http://fergusonfoundation.org/pdf/TakeOutTheTrash_lessonplan.pdf) |
|  | Energy Sources | [Growing our Fuels](https://mda.maryland.gov/farm_to_school/Documents/f2s_biofuels.pdf) |
|  | Meteorology | [Earth Supports Life!](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/6-Earth-Supports-Life.pdf)[Precipitation Evaporation and Condensation](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/6-Precipitation-Evaporation-and-Condensation-in-the-Garden.pdf)[Water Conservation in the Garden](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/6-Water-Conservation-in-the-Garden.pdf) [weather in the Garden](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/6-Weather-in-the-Garden.pdf)  |
|  | Oceanography | [The Water Cycle](https://fergusonfoundation.org/hbf-kids-zone/the-water-cycle/)[Ways of a Watershed](https://fergusonfoundation.org/hbf-kids-zone/ways-of-a-watershed/) |
| 7th | Biological Evolution | [Teosinte Case Study](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/7-Teosinte-Case-Study.pdf) |
|  | Dichotomous Key | [School Garden Dichotomous Key](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/7-Dichotomous-Key.pdf)[Wanted Poster](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/7-Dichotomous-Key-Wanted-Poster.pdf) |
|  | Diversity of Living Organisms  | [Classification](https://fergusonfoundation.org/hbf-kids-zone/classified-information/) |
|  | Genetics | [Parts of a Flower](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/7-Parts-of-the-Flower.pdf)[Plant Reproduction](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/7-Plant-Reproduction.pdf)[Sexual Propagation](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/7-Sexual-Propagation.pdf) |
|  | Natural Selection | [Sweetness: The Taste of Apples](http://www.pbs.org/thebotanyofdesire/lesson-plan-sweetness.php)[Beauty: Patterns in Nature](http://www.pbs.org/thebotanyofdesire/lesson-plan-beauty.php) |
|  | Structure of a Cell | [Bend a Carrot](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/7-Structure-Function-Bend-a-Carrot.pdf) |
| 8th | Atomic Theory | [Nitrogen Management](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/8-Nitrogen-Management.pdf)[Plant Nutrients and Soil Samples](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/8-Plant-Nutrients-and-Soil-Samples.pdf)[Plant Nutrient Packet](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/8-Plant-Nutrients-Packet.pdf) |
|  | Conceptual Laws | [Geotropism](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/8-Geotropism.pdf) |
|  | Nature of Matter | [Physical and Chemical Change](https://extension.uga.edu/content/dam/extension/programs-and-services/school-gardens/documents/8-Physical-and-Chemical-Change.pdf) |
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