



K-2 Garden, Food and Farm, and Recipe Lesson Plans & Curriculum Alignment

| Common Core State Standards | | NC Essential Standards | | |
|-----------------------------|-------------|------------------------|---------|----------------|
| English Language Arts | Mathematics | Healthful Living | Science | Social Studies |

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| Apple Carrot Salad | RL.K.10 | NC.K.MD.2 | K.PCH.1, K.NPA.1, K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | K.P.2 | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |
| Apple Exploration | RL.1.1, RL.1.2, RL.1.10 RL.K.10 RI.K.5, RI.2.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.K.CC.4, NC.K.CC.5, NC.K.OA.1, NC.K.OA.2, NC.K.OA.5 NC.1.OA.1, NC.1.OA.9 NC.2.OA.2, NC.2.NBT.3, NC.2.NBT.6, | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | | K.G.2, K.2.1, K.C&G.1, K.C.1 1.G.2, 1.E.1 2.G.2, 2.E.1, 2.C&G.2, 2.C.1 |

Growing Minds is a program of ASAP (Appalachian Sustainable Agriculture Project).
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| | | NC.2.MD.8 | | | |
| Butterfly Life Cycle | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | | | K.P.2, K.L.1 1.L.1, 1.L.2 2.L.1, 2.L.2 | K.G.2 1.G.2 2.G.2 |
| Cabbage Exploration | RK.K.10 | | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | K.L.1 1.L.1, 1.L.2 2.L.2 | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |
| Cabbage Quesadillas | RL.K.10 W.K.5, W.1.5, W.2.5 | NC.2.G.3 NC.2.G.3 | K.PCH.1, K.NPA.1, K.NPA.2 1.PCH.1, 1.NPA.1, | | K.G.2, K.C.1 1.G.2 |

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| Cabbage Quesadillas (cont.) | | | 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | | 2.G.2, 2.C.1 |
| Changing Seasons and Changing Leaves | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | | | K.E.1 2.E.1 | K.G.2 1.G.2 2.G.2 |
| Cucumber Exploration | RL.K.10 | NC.K.CC.1 NC.1.NBT.1, NC.1.G.3 NC.2.G.3 | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | K.P.2, K.L.1 1.L.1, 1.L.2 | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |
| Cucumber Stacks | RL.K.1, RL.1.1, RL.2.1 | | K.PCH.1, K.NPA.1, | K.P.2 | K.G.2, K.C.1 |

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| Cucumber Stacks (cont.) | RL.K.3, RL.1.3, RL.2.3 RL.K.10 RF.K.3, RF.1.3 SL.K.2, SL.1.2, SL.2.2 | | K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | | 1.G.2 2.G.2, 2.C.1 |
| Edible vs. Non-edible | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | K.P.2 | K.G.2 1.G.2 2.G.2 |
| Farm Animals | RL.K.1, RL.1.1, RL.2.1 RL.K.10 | | | K.L.1 1.L.1, 1.L.2 | K.C&G.1 2.C&G.2 |

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| Farm Animals (cont.) | RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | | | 2.L.1, 2.L.2 | |
| Fresh Summer Salsa | RL.K.10 | | K.PCH.1, K.NPA.1, K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | K.P.2 | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |
| Garden Alphabet | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 | | | | |

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| Garden Alphabet (cont.) | RF.K.1 RF.K.2, RF.1.2, RF.2.2 SL.K.2, SL.1.2, SL.2.2 | | | | |
| Garden Planning | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.1.MD.4 NC.2.MD.10 | | 1.L.1, 1.L.2 | K.G.1, K.G.2 1.G.1, 1.G.2 2.G.1, 2.G.2 |
| Garden Plot Crackers | RL.K.1, RL.1.1, RL.2.1 RL.K.3, RL.1.3, RL.2.3 RL.K.10 | | K.PCH.1, K.NPA.1, K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 | | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |

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| | RF.K.3, RF.1.3 SL.K.2, SL.1.2, SL.2.2 | | 2.PCH.1, 2.NPA.1, 2.NPA.2 | | |
| Harvesting in the Garden | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.K.CC.1 NC.1.NBT.1 NC.2.NBT.2 | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2, 1.NPA.3 2.NPA.1, 2.NPA.2 | K.P.2, K.L.1 1.L.1, 1.L.2 2.L.2 | K.G.2 1.G.2 2.G.2 |
| Honey Bees | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.K.G.2, NC.K.G.3, NC.K.G.4, NC.K.G.5, NC.K.G.6 NC.1.G.1, NC.1.G.2 NC.2.G.1 | | K.L.1 1.L.1, 1.L.2 2.L.1, 2.L.2 | K.G.2 1.G.2 2.G.2 |

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| Insect Exploration Insect Exploration (cont.) | RL.K.10 W.K.5, W.1.5, W.2.5 SL.K.5, SL.1.5, SL.2.5 | | | K.P.2, K.L.1 1.L.1, 1.L.2 2.L.1, 2.L.2 | K.G.2 1.G.2 2.G.2 |
| Lettuce Exploration | RL.K.1, RL.1.1, RL.2.1 RL.K.4, RL.1.4, RL.2.4 RL.K.10 RI.K.5, RI.1.5, RI.2.5 RF.K.3 SL.K.2, SL.1.2, SL.2.2 | NC.1.MD.1, NC.K.MD.2, NC.1.MD.1, MN.1.MD.2, NC.1.MD.4 NC.2.MD.1, NC.2.MD.2, NC.2.MD.4, NC.2.MD.10 | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | K.L.1 1.L.1, 1.L.2 | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |
| Lettuce Wraps | RL.K.10 | | K.PCH.1, K.NPA.1, | K.P.2, K.L.1 | K.G.2, K.C.1 |

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| Lettuce Wraps (cont.) | | | K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | 1.L.1, 1.L.2 | 1.G.2 2.G.2, 2.C.1 |
| Literacy Beds | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | | | | K.G.2 1.G.2 2.G.2 |
| Making Garden Signs | RL.K.10 | | | | K.G.2 1.G.2 |

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| | | | | | 2.G.2 |
| Mashed Potatoes with Herbs | RL.K.1, RL.1.1, RL.2.1 RL.K.3, RL.1.3, RL.2.3 RL.K.2, RL.1.2, RL.2.2 RL.K.10 SL.K.2, SL.1.2, SL.2.2 | NC.K.MD.2 | K.PCH.1, K.NPA.1, K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | K.P.2 1.L.1, 1.L.2 | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |
| My Plate | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 RF.K.3, RF.1.3 | | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |

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| | SL.K.2, SL.1.2, SL.2.2 | | | | |
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| No Cook Tomato Sauce | RL.K.10 | NC.K.CC.1, NC.K.CC.4, NC.K.CC.5 NC.1.NBT.1 NC.2.NBT.1 | K.PCH.1, K.NPA.1, K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |
| Planting in the Garden | RL.K.10 | NC.1.MD.2 NC.2.MD.1, NC.2.MD.3 | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2, 1.NPA.3 2.NPA.1, 2.NPA.2 | K.L.1 1.L.1, 1.L.2 2.L.2 | K.G.1, K.G.2, K.C.1 1.G.1, 1.G.2 2.G.1, 2.G.2, 2.C.1 |
| Poetry in the Garden | RL.K.1, RL.1.1, RL.2.1 | | | | |

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| Poetry in the Garden (cont.) | RL.K.10 RI.K.5, RI.1.5, RI.2.5 RF.K.2, RF.1.2, RF.2.2 SL.K.2, SL.1.2, SL.2.2 SL.K.5, SL.1.5, SL.2.5 | | | | |
| Potato Exploration | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.K.MD.1 NC.1.MD.1, NC.1.MD.2 NC.2.MD.1, NC.2.MD.2, NC.2.MD.3, NC.2.MD.4 | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | K.P.2 1.L.1, 1.L.2 2.L.2 | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |

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| Pumpkin Exploration Pumpkin Exploration (cont.) | RL.K.1, RL.1.1, RL.2.1 | NC.K.CC.1, NC.K.CC.5 | K.NPA.1, K.NPA.2 | K.P.2 | |
| | RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.1.NBT.1, NC.1.NBT.7, NC.1.NBT.2 NC.2.OA.2, NC.2.NBT.1, NC.2.NBT.2, NC.2.NBT.3, NC.2.MD.1 | 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | 1.L.1, 1.L.2 | |
| Root Exploration | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | | | K.P.2, K.L.1 1.L.1, 1.L.2 2.L.2 | K.G.2 1.G.2 2.G.2 |

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| Searching the Garden Safely Searching the Garden Safely (cont.) | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.K.MD.3 | | K.P.2 | K.G.2 1.G.2, 1.C&G.1 2.G.2 |
| Seasons on a Farm | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | | | K.E.1 2.E.1 | K.H.1, K.G.2 1.G.2 2.G.2 |
| Seed Starting | RL.K.10 | NC.2.MD.1 | | K.L.1 1.L.1, 1.L.2 | K.G.2 1.G.2 |

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| | | | | | 2.G.2 |
| Seed Tapes | RL.K.10 | NC.2.MD.1 | | K.L.1 1.L.1, 1.L.2 | K.G.2 1.G.2 2.G.2 |
| Soil Amendments | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 W.K.2, W.1.2., W.2.2 SL.K.2, SL.1.2, SL.2.2 | | K.NPA.1 1.NPA.3 2.NPA.1 | 1.E.2, 1.L.1, 1.L.2 | K.G.2 1.G.2 2.G.2 |
| Soil Exploration | RL.K.1, RL.1.1, RL.2.1 | NC.K.MD.3 | K.NPA.1 | 1.E.2, 1.L.1, 1.L.2 | |

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| Soil Exploration (cont.) | RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | | 1.NPA.3 2.NPA.1 | | |
| Soil Temperature | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.2.MD.1 | | 1.E.2, 1.L.1, 1.L.2 | |
| Spinach Smoothies | RL.K.1, RL.1.1, RL.2.1 RL.K.10 SL.K.2, SL.1.2, SL.2.2 | | K.PCH.1, K.NPA.1, K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 | 2.P.2 | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |

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| | | | 2.PCH.1, 2.NPA.1, 2.NPA.2 | | |
| Stem Exploration | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.1.MD.4 NC.2.MD.1, NC.2.MD.10 | | K.P.2 K.L.1 1.L.1, 1.L.2 | K.G.2 1.G.2 2.G.2 |
| Strawberry Salsa | RL.K.10 | | K.PCH.1, K.NPA.1, K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |

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K-2 Garden, Food and Farm, and Recipe Lesson Plans & Curriculum Alignment

| Common Core State Standards | NC Essential Standards | | | |
|-----------------------------|------------------------|--|--|--|
|-----------------------------|------------------------|--|--|--|

| English Language Arts | Mathematics | Healthful Living | Science | Social Studies |
|-----------------------|-------------|------------------|---------|----------------|
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| Sweet Potato Applesauce Sweet Potato Applesauce (cont.) | RL.K.1, RL.1.1, RL.2.1 RL.K.3, RL.1.3, RL.2.3 | NC.K.MD.2 | K.PCH.1, K.NPA.1, K.NPA.2 | K.P.2 | K.G.2, K.C.1 |
| | RL.K.2, RL.1.2, RL.2.2 RL.K.10 SL.K.2, SL.1.2, SL.2.2 | | 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | | 1.G.2 2.G.2, 2.C.1 |
| Sweet Potato Fritters | RL.K.1, RL.1.1, RL.2.1 RL.K.3, RL.1.3, RL.2.3 RL.K.2, RL.1.2, RL.2.2 RL.K.10 SL.K.2, SL.1.2, SL.2.2 | NC.K.MD.2 | K.PCH.1, K.NPA.1, K.NPA.2 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | K.P.2 1.L.1, 1.L.2 | K.G.2, K.C.1 1.G.2 2.G.2, 2.C.1 |

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|-----------------------------|------------------------|--|--|--|
|-----------------------------|------------------------|--|--|--|

| English Language Arts | Mathematics | Healthful Living | Science | Social Studies |
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| Swiss Chard Smoothies | RL.K.10 | | K.PCH.1, K.NPA.1, K.NPA.2 | 2.P.2 | K.G.2, K.C.1 |
| Swiss Chard Smoothies (cont.) | | | 1.PCH.1, 1.NPA.1, 1.NPA.2 2.PCH.1, 2.NPA.1, 2.NPA.2 | | 1.G.2 2.G.2, 2.C.1 |
| Thanksgiving for Farmers | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 W.K.5, W.1.5., W.2.5 W.K.6, W.1.6, W.2.6 SL.K.2, SL.1.2, SL.2.2 | | | | K.G.2, K.C&G1 1.G.2 2.G.2, 2.C&G.2 |

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| Tomato Exploration | RL.K.10 | NC.K.CC.4, NC.K.CC.5, NC.K.MD.3 | K.NPA.1, K.NPA.2 | K.P.2, K.L.1 | K.G.2, K.C.1 |
| Tomato Exploration (cont.) | RI.K.5, RI.1.5, RI.2.5 RF.K.3, RF.1.3 | NC.1.NBT.1, NC.1.NBT.7 NC.2.OA.2 | 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | 1.L.1, 1.L.2 | 1.G.2 2.G.2, 2.C.1 |
| Veggie Crowns | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | | K.NPA.1, K.NPA.2 1.NPA.1, 1.NPA.2 2.NPA.1, 2.NPA.2 | | |
| Watering the | RL.K.10 | | K.NPA.1 | K.L.1 | K.G.2 |

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|-----------------------------|------------------------|--|--|--|
|-----------------------------|------------------------|--|--|--|

| English Language Arts | Mathematics | Healthful Living | Science | Social Studies |
|-----------------------|-------------|------------------|---------|----------------|
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| Garden | | | 1.NPA.3 | 1.L.1, 1.L.2 | 1.G.2 |
| Watering the Garden (cont.) | | | 2.NPA.1 | | 2.G.2 |
| Worm Exploration | RL.K.1, RL.1.1, RL.2.1 RL.K.10 RI.K.5, RI.1.5, RI.2.5 SL.K.2, SL.1.2, SL.2.2 | NC.2.MD.1 | | K.L.1 1.L.1, 1.L.2 2.L.1, 2.L.2 | K.G.2 1.G.2 2.G.2 |

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