

A Cool Weather Instructional Plan for the EarthBox® STEM-based Instructional School Garden Package

Start Date/ Time Requirement	Youth Garden Guide's Activity	Materials Required	Activity Pages	Activity Goals	Prep and Follow up Actions
3 rd week in Feb 45 minutes	What is the nutritional value of produce?	<ul style="list-style-type: none"> ° Standard kitchen scale ° One head of cabbage ° Copies of three activity sheets from the Youth Garden Guide. 	25-30	The names and health benefits of all of the vitamins and minerals in produce and individual minimal daily requirements.	Review the activity and collect the required materials to complete it.
4 th week in Feb 45 minutes	When will seeds germinate and produce crops?	<ul style="list-style-type: none"> ° Pencils ° Large Calendar ° Copies of two Activity sheets from the Youth Garden Guide 	40-43	The factors that affect seed germination, the length of time from seed to harvest and the identification of cool and warm weather crops	Review the activity and collect the required materials
1 st week in March 45 minutes	What crops will produce a nutritionally balanced garden?	<ul style="list-style-type: none"> ° Pens and Markers ° Tape ° Flip Chart and Paper ° Copy Paper ° Copies of four activity sheets from the Youth Garden Guide 	35-39	How to select cool weather crops to grow out a nutritiously balanced garden	Review the activity and collect the required materials Order Cool weather seeds and/or seedlings
2 nd week in March 45 minutes	Does Teamwork Lead to Great Garden Design?	<ul style="list-style-type: none"> ° Flip Chart and paper ° Permanent Markers 	23-24	To work in teams to design an EarthBox Garden that will meet the light, water and other needs of the selected crops.	Review the activity and collect the required materials Reconnoiter the garden site
3 rd week in March 45 minutes	How does the EarthBox design effect resource use and yield?	EarthBox Ready to Grow Kits And copies of three activity sheets from the Youth Garden Guide	3-10	To understand and plant the scientifically designed EarthBox Ready to Grow Kits	Review the activity and collect the required materials Plant the EarthBox Garden!