



**2016 - 2017 School Master Gardener Program**  
**Course Outline**  
**Fernbank Science Center**

**August - TBD**

8:00 – 9:00	Registration and material pickup	
9:00 – 10:00	School Gardening/Pretest	Trecia Neal
10:00 – 12:30	*Tour of Oak Grove and Briarlake ES	
12:30 – 1:00	Lunch	
1:00 – 1:30	Incorporating STEM into gardens	<b>All FSC Instructors</b>
1:30 – 3:30	Landscape Design STEM design	Doug Hamby, David Collins
3:30 – 4:00	Analysis of your school site	Doug Hamby, Stacy Byrd, David Collins Trecia Neal

**Sept - TBD**

8:00 – 12:30	*Soils and plant nutrition	Stacy Byrd
12:30 – 1:00	Lunch	
1:00 – 1:30	Incorporating STEM into gardens	<b>All FSC Instructors</b>
1:30 – 2:30	Basic botany	Stacy Byrd, Doug Hamby
2:45 – 4:00	Plant physiology	Stacy Byrd

**Oct - TBD**

8:00 – 12:30	*Sustainable Gardening/Flower and Flower Beds	Doug Hamby, David Collins
12:30 – 1:00	Lunch	
1:00 – 1:30	Incorporating STEM into gardens	<b>All FSC Instructors</b>
1:30 – 2:30	Woody Trees/Plant ID	Doug Hamby, David Collins
2:45 – 4:00	*Basic pathology, ID and control	Stacy Byrd

**Nov - TBD**

8:00 – 12:30	*Field Trip to Love is Love Farm Organic Gardening/Vegetable Gardening	Gary Peiffer, DeKalb Extension David Collins, Doug Hamby
12:30 – 1:00	Lunch	
1:00 – 1:30	Incorporating STEM into gardens	<b>All FSC Instructors</b>
1:45 – 3:15	Specific Plant Diseases	Stacy Byrd
3:15 – 4:00	School STEM team planning	<b>All FSC Instructors</b>

**Dec - TBD**

8:00 – 10:15	*Plant selection: Trees and shrubs for schools and wildlife. <b>Woodlands Gardens</b>	Gary Peiffer, DeKalb Extension Al Tate, Horticulture Consultant
10:30-12:30	Vegetable Gardening/Activities in the garden. <b>Fernbank Science Center</b>	Sarah Brodd, DeKalb Extension Trecia Neal
12:30 – 1:00	Lunch	
1:00 – 1:30	Incorporating STEM into gardens	<b>All FSC Instructors</b>
1:30 – 3:30	Weed ID and control	Al Tate, Horticulture Consultant
3:30 – 4:00	School STEM team planning	<b>All FSC Instructors</b>

**Jan - TBD**

8:00 – 11:30	*Composting, vermiculture, mulching	Trecia Neal
11:30 - 12:30	School STEM team planning	
12:30 – 1:00	Lunch	
1:00 – 2:00	Turf Grass/Ground Cover	Doug Hamby
2:15 – 4:00	Farm to School	Deb Rosenstein, Mercer University



**2016- 2017 School Master Gardener Program**  
**Course Outline - continued**  
**Fernbank Science Center**

**Feb TBD**

8:00 – 9:00  
 9:00 - 12:30

**Bees in the Schoolyard**  
**Attracting Wildlife: The monarch butterfly**  
**and school butterfly gardens**

Stacy Byrd  
 Trecia Neal

12:30 – 1:00

**Lunch**

1:00 – 3:00  
 3:00 – 4:00

**Basic Entomology and Beneficial Insects**  
**Pesticide Safety**

Christi Heidt, Horticulture Consultant  
 Doug Hamby

**Mar TBD**

8:00 – 11:00  
 11:15 – 12:30  
 bird ID

**Nuisance Pests: Insects/Vertebrates**  
**Attracting Wildlife: Bird characteristics:**

Walter Reeves, ??????  
 Trecia Neal

12:30 – 1:00

**Lunch**

1:00 – 1:30

**School Master Gardener Survey**

**All FSC Instructors**

1:30 – 3:00

**Bird House /Feeder Construction**

**All FSC Instructors**

3:00 – 4:00

**Post-Test / PLU and DeKalb Survey**

**Apr TBD**

8:00 – 10:30  
 11:15– 12:00  
 12:00 – 3:00

**Perimeter College – South Campus/Fernbank Science Center**  
**\*Garden tour - Sanko**  
**Catered lunch**  
**Team presentations/Partnership Development Day**

**All FSC Instructors**

**Note:** Courses with \* indicate an outside activity involving work in the garden. Dress appropriately. All instructors are from Fernbank Science Center unless otherwise noted.

