

# Hey Teacher - Check this out!



## STEM Field Trips at ARK Farms sign up now



**Bring your class to get hands-on STEM in a farm setting.**

**Your class can also adopt a STEM project to make at school that will be used at the farm.**

**Monitor its success via the web, redesign if needed, chart the effects, and receive community service hours for your contribution.**



### **Science**

Earth Science and Environment  
Animal Science  
Life Cycle and Biology  
Nutrition  
Renewable Resources  
Habitat, Ecosystem  
Animal Adaptations  
Genetics and Punnett Squares  
Symbiotic vs. Parasitic

### **Technology**

Charting for Predicting  
Entering Data  
Graphing Solar Movements  
Computer Aided Design  
Machinery Technology Use  
Creating Digital Models  
Predicting Outcomes



### **Engineering**

Design and Build Process  
Solar Panel Design  
Capturing Wind Energy  
Innovating with Machines  
Farm-Related Innovation  
Robotics  
Mechanical Engineering  
Using Tools

### **Mathematics**

Measuring Materials  
Charts and Graphs  
Liquid and Dry Measures  
Calculating Growth  
Geometry  
Ratios  
Probability  
Calculus



Add other Interdisciplinary Studies such as Social Science, Community Awareness, Guidance, Technical Education, Physical Education and Health, Art and Music, English Literature and Writing, and Language.

\*All field trips are coordinated with Abby Mauwong, former high school English teacher with over 20 years in education. Call Abby at 901-334-7225 or email [abby@cometothefarm.org](mailto:abby@cometothefarm.org).

Capacity for approximately 100 students per visit with around 25 per station.

Cost of STEM Field Trip = \$10 per student

Picnic Tables are available for you if you would like to bring snack lunches.

Field Trip content can be customized for age group, curriculum focus, and group needs.

Sign up now at [www.cometothefarm.org](http://www.cometothefarm.org) or call 901-334-7225 to get your class engaged in STEM!