

# Urban Agriculture as Integrated Science



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Integrated Science Teacher  
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## **Course Description:**

Urban Agriculture as Integrated Science will be defined as agriculture taking place in an urban setting. This course will focus on core concepts such as urban agriculture, food deserts/scarcity, diabetes and diseases that result from food deserts, equity and social justice. In addition, we will look at these core concepts and understand them through an integrated science approach. Using biology, chemistry and physics students will critically think about urban agriculture and applying scientific knowledge gain through the investigation of agriculture. Students will be expected to take part in lab/field experience in the green house, hydroponic unit/s, Coqui garden, composting as well as the edible garden. The field experience will serve to give students real lab experience and understand science concepts and skills through urban agriculture.

## **Course Requirements and Expectations:**

Students are expected to complete in class work, quizzes, test, labs, and projects. Students will be graded using a rubric for the class work, quizzes, labs and projects. In addition, daily attendance is required and will be factored into your grade. All rules and policies that are found in the student handbook will be adhered to for the 2011-12 school year. Any policies and procedure can be found there which include daily conduct, attendance, dress codes, food eating, electronic devices and etc. All students are presumed to have read the handbook and understand their meanings and implications. If you have any questions please see me as soon as possible. In addition, there will be a set of safety rules that will be reviewed during the school year for handling any tools, chemicals, glassware as well as general safety guidelines for everyone's safety. Please be mindful of these rules for everyone's safety. Thank you and lets have an excellent year.

## Grading Policy:

A 100% - 90%

B 89% - 80%

C 79% - 70%

NC 69% and below

## Grade Breakdown:

# Urban Agriculture as Integrated Science

Tests 30%

Quizzes 30%

Homework/Assignments 30%

Participation 5%

Attendance 5%

Please Sign:

I \_\_\_\_\_ (print) the student agree and understand the course description and requirements for the Urban Agriculture as Integrated Science course as indicated above. I further understand the grading policy, and products that will be evaluated as well as participation and attendance for determination of credit. In addition I have read and understand the the student handbook and will abide by all its rules, procedures and policies for the 2011-12 school calendar year.

Student Signature:

\_\_\_\_\_ Date \_\_\_\_\_

Parent/Guardian Signature:

\_\_\_\_\_ Date \_\_\_\_\_