

# Title 500 Bulbs to Plant\_\_\_\_\_

Curriculum **Science**\_\_\_\_\_

Grade Level Span **\_5**\_\_\_\_\_

Purpose: To develop research skills, learn about bulbs, and beautify the school environment.

Description: Students will practice research skills in order to successfully grow bulbs indoors and outside.

Activities	Curriculum Standards	NETS for Students
<b>Examine and sketch onion bulbs as well as tubers and rhizomes of potatoes, iris, and dahlias (exterior and vertical/horizontal cross sections).</b>		
<b>Share what information we know as a class Generate questions in small group partnerships. Share questions with whole class.</b>		
<b>Do partner internet research. Do individual home research of local gardeners. Write up summary paragraphs of results to share with class.</b>		1,10
<b>Plant various bulbs in outdoor garden plot. Plant various bulbs for indoor forcing.</b>		
<b>Monitor growth by measuring and use of digital camera.</b>		4,5,9
<b>Write articles for local newspaper, parent school newsletter, and WTIP-FM school news.</b>		1


### Tools and Resources

(List all Web sites, specific software and hardware needs)

[www.urbanext.uiuc.edu/gpe](http://www.urbanext.uiuc.edu/gpe) (case #5 see both teachers's guide and student site)

[www.teachers.teach-nology.com](http://www.teachers.teach-nology.com) (rubrics)

**digital camera**

### Assessment

(How will you assess the students' learning? If you have a rubric, record it here. Be as specific as possible)

rubric attached

Authors (including contact information)

(Record the names and email addresses, if possible, of those who contributed to the development of this lesson sequence)

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Personal Account

(Have you taught this lesson sequence before? What are the great learning/experiences you had?)

**I have done parts of this lesson before. Last year we wrote a grant to receive bulbs this fall.**

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