

**Project E³:
*Environmental &
Engineering Sciences for
Everyone***

**Parent Information
Meeting**



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Talented Services &
Project E3 Lead Teacher



WHAT IS PROJECT E³?



Program Overview

Project E³ is an enrichment program that is an extension of the school year.

Will use STEM to learn more about conservation.



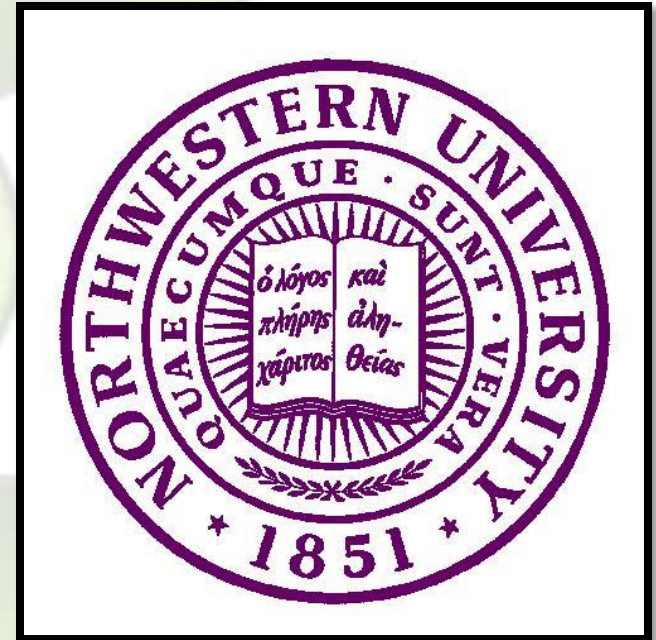
Environmental & Engineering Sciences for Everyone

Austin, Albert Lea, Southland, Lyle, & Hayfield

Grades 4, 5, 6

Research & Design

- Project E³ is replicating from the original model, *Project Excite*
- Founded by Northwestern University



<http://www.ctd.northwestern.edu/excite/>

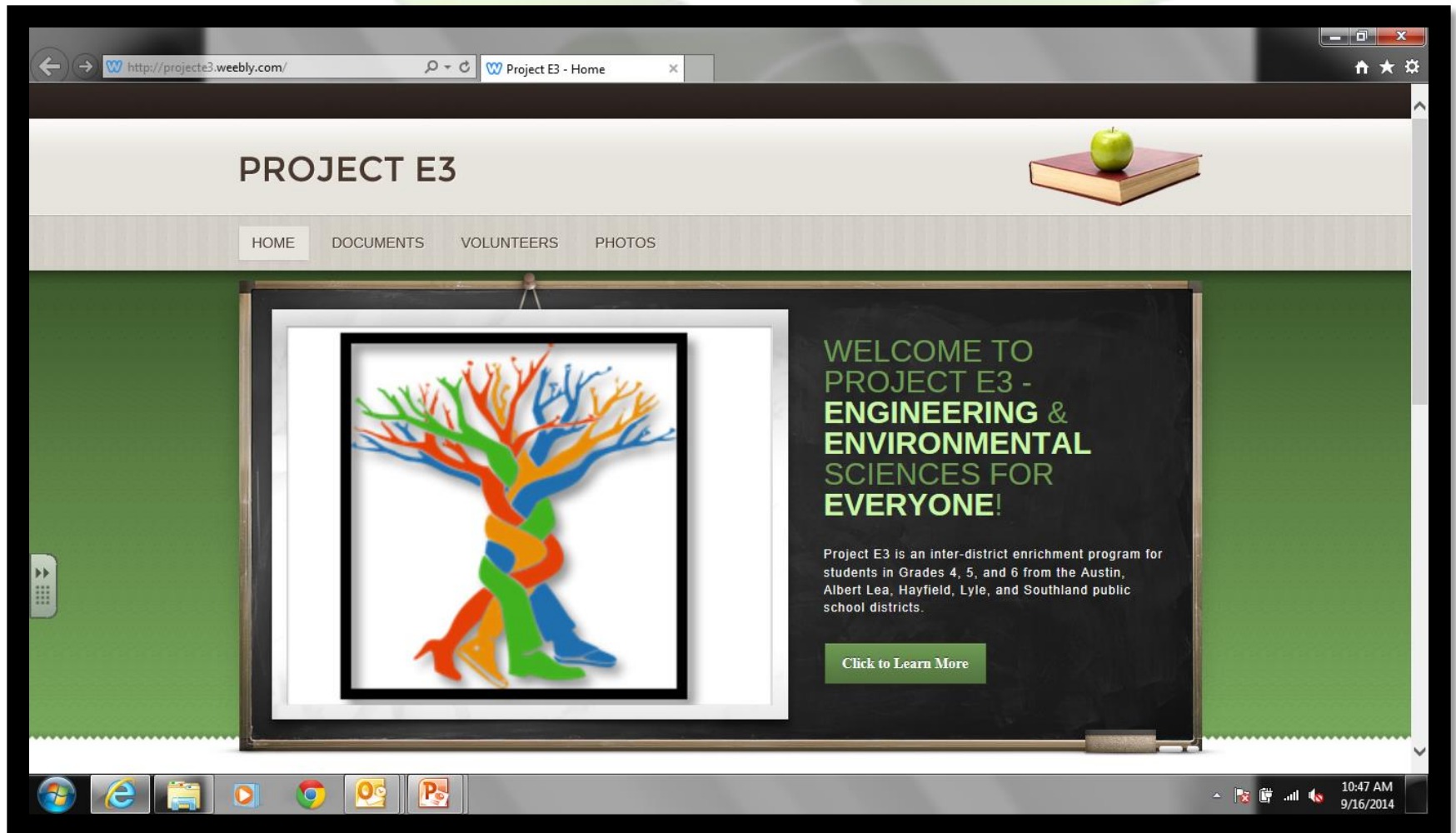


Funding for Project E³

- State of Minnesota Integration and Incentive Funds for inter-district initiatives
- Building relationships between students from different districts, backgrounds and perspectives



<http://projecte3.weebly.com/>



The image shows a screenshot of a web browser displaying the Project E3 website. The browser's address bar shows the URL <http://projecte3.weebly.com/>. The website has a white header with the text "PROJECT E3" on the left and a small image of a green apple on a red book on the right. Below the header is a navigation menu with the following items: HOME, DOCUMENTS, VOLUNTEERS, and PHOTOS. The main content area features a large framed image of a colorful tree with branches in red, orange, yellow, green, and blue. To the right of the tree, the text reads: "WELCOME TO PROJECT E3 - ENGINEERING & ENVIRONMENTAL SCIENCES FOR EVERYONE!". Below this text is a paragraph: "Project E3 is an inter-district enrichment program for students in Grades 4, 5, and 6 from the Austin, Albert Lea, Hayfield, Lyle, and Southland public school districts." and a green button labeled "Click to Learn More". The browser's taskbar at the bottom shows various application icons and the system clock indicating 10:47 AM on 9/16/2014.



**WHEN DO STUDENTS IN
PROJECT E³ MEET?**

Dates & Times

Saturdays

- Meet 8 Saturdays during the academic year; November through May

- November 7;
- December 5;
- January 9;
- February 6;
- March 5;
- April 2;
- May 7
- June 4;

- 9:00 am-1:30 pm

Summer

- Meet 20 days during the summer [Monday through Thursday]

- June 20-23
- June 27-30;
- July 5-7;
- July 11-14;
- July 18-21;

- 9:00 am-1:30 pm

Schedule of a Day [Student]

7:30-8:30 Bus Pick-Up

– Lead Teacher supervises early arrivals

9:00 Project E³ Begins

9:00-1:30 Student Instruction

– 30 minute Lunch/Break

1:30 Dismissal

2:00-3:00 Bus Drop-Off

4 hours → additional instruction each Project E³ meeting

**Additional
112 hours of
instruction to
the academic
school year!**



**WHO CAN QUALIFY TO BE
PART OF PROJECT E³?**

Qualifications

high-average academic performance

potential to excel

in grades 4, 5, or 6

Students must be from Albert Lea, Austin, Hayfield, Lyle, or Southland School Districts

culturally, linguistically, or socio-economically diverse are *encouraged to apply*



**HOW DOES PROJECT E³ MAKE
LEARNING ENGAGING?**

Goals

1. Project E³ offers opportunities for students to **make connections to the natural world.**
2. Project E³ embeds learning **through engaging educational experiences.**
3. Project E³ **develops 'citizen scientists'** that will put new knowledge of the natural world to action in their communities.
4. Project E³ motivates students to **work at their highest potential throughout the academic and calendar year.**

Instruction

“Team Teaching with Mother Nature”

Ungraded – all 4, 5, 6 graders together
– Grouped on readiness and interest

Environmental theme – ***Conservation***

- Math – Measurement, Geometry support
- Engineering – Engineering Design processes
- Literacy – journaling, researching, note-taking, presenting
- Technology – presenting, researching
- Inquiry based instruction
 - Structured Inquiry –shared experience by all
 - Open Inquiry – “How can conservation improve life of Mower/Freeborn County?”

Essential Questions

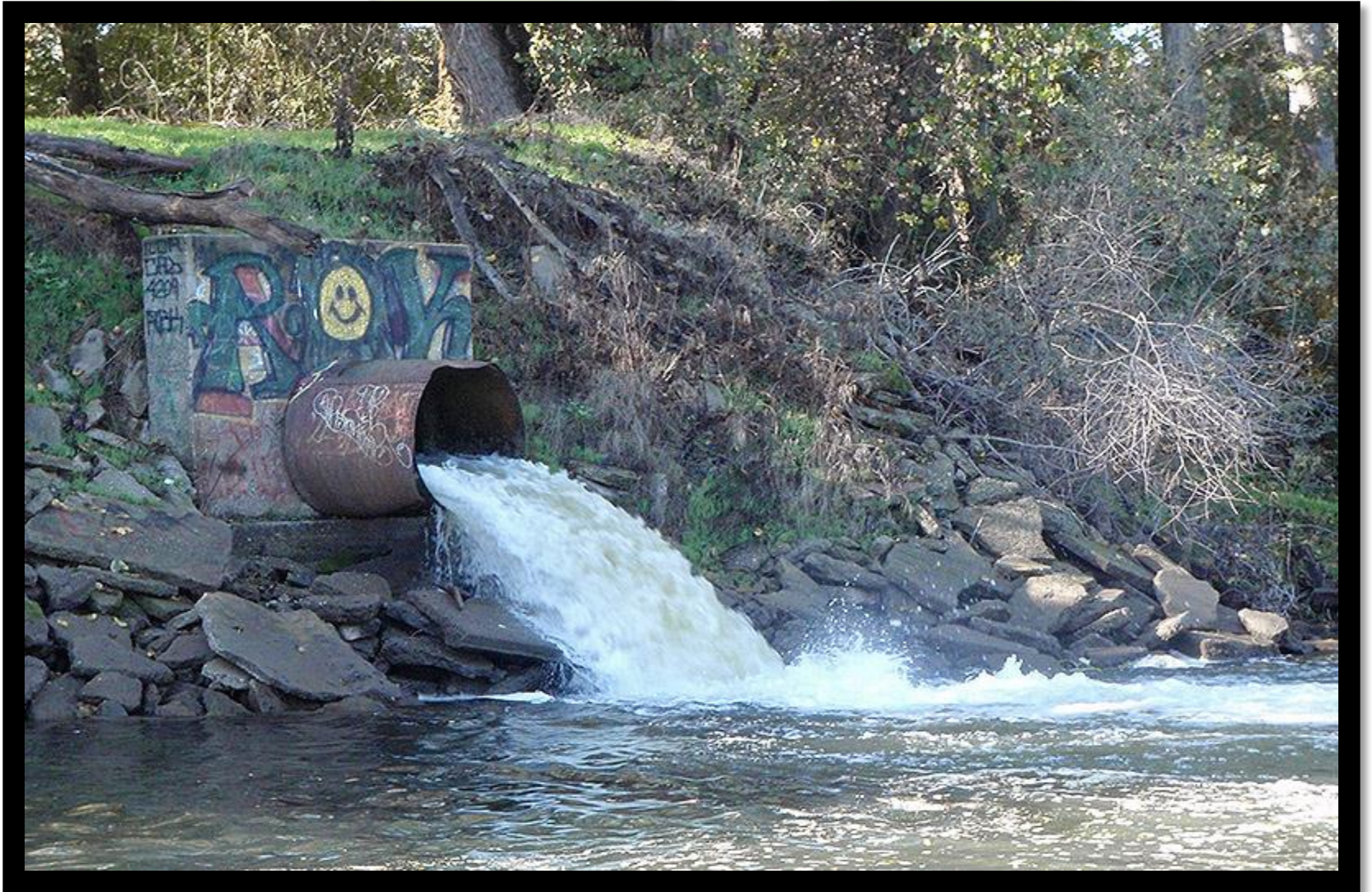
1 – In what ways does conservation protect ____?



2 – How does nature conserve itself?

3 – How is it human responsibility to protect and to conserve?

Whose home is this anyways?!?



Are wind turbines helping or hurting?





NEXT STEPS

I am interested! What do I do next?

1. Pick up an application

Project E³: Program Information

Project E³ is an inter-district integration initiative starting in the Fall of 2014 focusing on working with students from Austin, Albert Lea, Southland, Lyle, and Hayfield Public School Districts who have demonstrated the potential for high achievement with further enrichment and acceleration in mathematics and science.



Next Steps:

1. Application -

- Personal information [form attached]
- Get one school district employee's recommendation [form attached] (*this includes teachers, principals, success coaches, and others*)
- Write a short, student statement stating why the student is interested in attending [form attached]

2. Selection -

- a. After October 1, 2014, a selection committee will review each application to determine the 20-25 students in each grade that are to be invited to be part of Project E³.

Lunch and transportation to and from Project E³ Saturday classes and summer classes is provided.

Students will meet eight Saturdays from November through May, and for 5 weeks in the summer; a total of 28 days. The lessons will focus on integrating Engineering and Environmental sciences with mathematics, building leadership skills, and preparing for advanced academics in junior & high school.

Project E³ is an extension of the school year. **A commitment to attend all Saturday classes and summer classes is required.**

Project E³ dates for the 2014-15 school year are:

| Saturday Classes: | Summer Classes [Mondays-Thursdays]: |
|-------------------|-------------------------------------|
| November 1, 2014 | June 15-18, 2015 |
| December 6, 2014 | June 22-25, 2015 |
| January 10, 2015 | June 29-July 2, 2015 |
| February 7, 2015 | July 6-9, 2015 |
| March 7, 2015 | July 13-16, 2015 |
| April 11, 2015 | |
| May 2, 2015 | |
| May 30, 2015 | |


- All applications must be turned into Mrs. _____, by October 1, 2014.
- Questions can be emailed to david.wolff@austin.k12.mn.us or called to 507-460-1912.

I am interested! What do I do next?

2. Complete the application

- Student & Family Information
- Student Statement
- Staff Recommendation [Teacher, Principal, Success Coach, etc.]


3. Turn the application in!

Project E³: Student Application 

PLEASE PRINT CLEARLY! *Your responses to the questions on this page of the application are optional. This information is used to help us measure our progress and report on the success of the program.*


Student Information:

| | |
|------------------|------------|
| First Name: | Last Name: |
| School District: | |
| School: | |

Project E³ 

STUDENT STATEMENT

Write why you are interested in joining Project E³. Include how this would help you in school or in pursuing your goals in school.

Staff Recommendation for Project E³ 

[Based on characteristics & behaviors of culturally, linguistically, and socioeconomically diverse gifted learners: Project Bright Horizon, Jacob Javits Program]

Student Name: _____ Grade: _____

Teacher completing this Inventory: _____ School: _____

Directions: Indicate by marking the box next to each characteristic and behavior that you have observed the named student demonstrate.

Do Not Return to Student; Return to Mrs. XXX



Contact Information

- Kristi Beckman
 - District Integration Coordinator
 - 507-460-1912 [Educational Services]
 - kristi.beckman@austin.k12.mn.us
- David Wolff
 - District Coordinator of Gifted and Talented Services
 - Project E³ Lead Teacher
 - 507-460-1912 [Educational Services]
 - david.wolff@austin.k12.mn.us

