

Name _____ Date _____

Cycle _____

Parent/Guardian Signature _____

Project Based Learning

What Should I pick?

To help you along, here are some activities that will coincide with the content area mini courses as well as the "Gifted Goes Green" theme.

Please choose ONE content area: Engineering, Art, Science, Photography or Math. You will only be able to complete 1-2 cycles (at the most) for the 2011-2012 school year so please choose carefully.

Each student will complete their task sheets as well as their project based learning mini course (choose below). Students will be responsible to organize and demonstrate their own mini course at the annual SHOWCASE in June.

Gifted Goes Green

ART:

Green Mosaics

Canvas: green paintings

Origami

Butterfly Pavilion: Responsible for the classroom butterflies.

Research the Monarch and the Painted Lady

Butterfly Scrapbook



Engineering:

What does it mean?

Design it

Marble Maze

Build a tent

What Materials are recyclable?

Build a structure using K-Nex

Don't Lose your Marbles: Design a track

SCIENCE:

Scientific Method

Biome in a baggie

Compost

Classroom Garden

Chemistry: Recycling paper

Creating a Green Community

Design the 2011-2012 "Gifted Goes Green" T-Shirt

History of Soap



Math: Go Fish!

Can fish save the environment?

Robot Fish

Natural Resources

How big is your footprint?

Responsible for fundraising ideas, designing flyers, estimating the "green" products to sell as well as adding/subtracting funds.(teacher is responsible for all monies and distribution).



Photography: What is this about?

Grades 4-5

Researching the History of Photography

Color Process

Photographing Nature

Creating a Power Point presentation using photographs