

GREENevada is proud to present...

NORTHERN NEVADA'S 2011
HIGH SCHOOL
SUSTAINABILITY PLAN
COMPETITION



Challenging you to make your high
school more sustainable!

THE PATH TO SUSTAINABILITY

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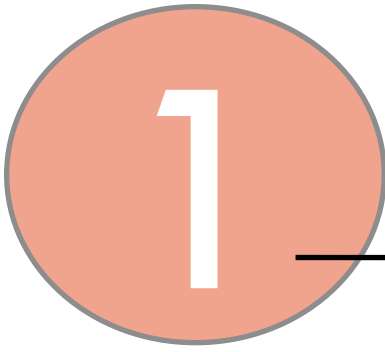
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form a team & register

Team requirements:

- Teams must have at least 5 students and 1 adult advisor. More participants are allowed.
- All student participants must be enrolled as students at the high school the team is representing.
- Adult advisors must either be employed by the school, the school district or be approved as a volunteer by the school the team is representing.
- All teams must represent a high school in northern Nevada.
- At least one student and one adult advisor must be able to present at the Earth Day competition day.

Need help forming a team? Don't know where to start?

Book an ACE presentation to get you started and earn 2 bonus points for your proposal! The ACE assembly is no cost and is the perfect way to inspire and activate students at your school to get involved with the GREENevada sustainability competition. It educates students about the science of climate change and engages their imagination through real-life stories or ordinary students who have undertaken extraordinary projects in their own school and communities. Contact Rebecca Anderson at rebecca.anderson@climateeducation.org or (303) 579-4524 to schedule an assembly.

Registration:

- Teams must register for the competition by **February 3, 2011 at 6PM.**
- Registration forms (see next page) should be sent electronically to greenevada@gmail.com. No paper registrations will be accepted.
- Each registered school may submit only one proposal.

2011 High School Sustainability Plan Competition Registration

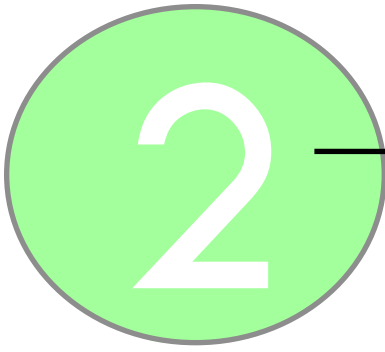
Please send the following information to
greenevada@gmail.com
no later than 6PM on February 3, 2011:

1. School Name
2. Club or Class Name
3. Students involved (First name, Last name, Grade)
4. Adult Advisor(s) (First name, Last name, role with school)
5. Advisor's phone #
6. Advisor's e-mail address

* Special note to GreenPower schools: Teachers participating in the February 3rd GreenPower annual training at DRI may attend a breakout session during lunch to get more information about the competition. See GreenPower in section 3 for more information on becoming a GreenPower school and attending the annual training.

Any questions regarding registration can be sent to
greenevada@gmail.com.

Please allow 2-3 days for a response.



understand the challenge

Sustainability is “development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”
~Our Common Future, 1987

Your *challenge* is to make a positive impact on the environment by making a positive impact on your school. The **High School Sustainability Plan** is about learning what it means to be sustainable and determining how close your school is to reaching that goal. After assessing the current state of your school, we want you to identify an area where you can make a positive impact and develop a plan to make it happen with clear goals, objectives, activities, budgets and projected impacts. Members of the **GREENevada coalition** will be available throughout the competition to help you learn more about what it means to be sustainable. You have to meet with at least one member, but you can meet with as many as you want. Additionally, each team will give a short presentation about their plan to the judging board on **Earth Day**. Make sure that you are investigating all of the components of your plan along the way, because you will be judged not only on creativity, but feasibility as well. Plus, earn *two bonus points* by learning more about the science behind climate change with ACE. There will be prizes to implement the top plans! More details can be found later in this booklet.

PROPOSAL: **75 pts.**

Submitted by April 1, 2011 at 5:00pm PST to greenevada@gmail.com

This is where you will be describing your plan to make your school more sustainable in full detail. The proposal is meant to be a real solution to a real problem at your school. You will be scored on your creativity AND feasibility.

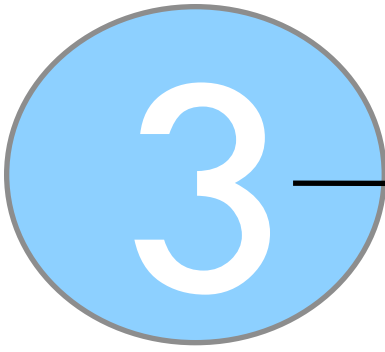
PRESENTATION: **25 pts.**

April 22, 2011

During your short presentation, you have the opportunity to convince the judges that not only is your proposal sound, but it will also make an impact on your school that is both necessary and positive.

BONUS POINTS: **2 pts.**

Book an ACE presentation at your school between December 6th and April 22nd and you will earn 2 bonus points for your project proposal!



generate ideas, research, inquiry

Each team submitting a proposal is **required** to contact at least one of the GREENevada coalition organizations by **March 1, 2011**. Failure to do so will cause a team to be **disqualified**. Teams are encouraged to contact any coalition members that may be able to help inform their proposal. All of the members are offering help in their own unique ways! Here's how...



Black Rock Solar:

Find out what it takes to get solar at your school! We'll meet with you to talk about the benefits and costs of installing solar panels. Have your electric bill ready so we can see how much power your school uses and what it costs each year. Limited to the first ten schools who contact Black Rock Solar, so pick up that phone. Contact Marnee by e-mailing, marnee@blackrocksolar.org.

Alliance for Climate Education (ACE):

Kick off your project proposal right! ACE will deliver an in-person, science-based, multimedia presentation on climate change to educate, inspire, and empower students to get involved in the sustainability competition. After the assembly, ACE will help create an Action Team to organize students interested in joining the competition. Contact Rebecca at rebecca.anderson@climateeducation.org.



Envirolution:

A representative from Envirolution can meet with your group for up to 2 hours to discuss the importance of energy efficiency as a sustainability strategy. This can include an overview of Envirolution's school programs, a basic site assessment of the school, or a group discussion to answer questions and suggest solutions. This can be coordinated by emailing david.gibson@envirolution.org. This will be available for up to 10 groups.



Sierra Nevada Journeys:

How can you lead your school toward sustainability? Sierra Nevada Journeys is excited to help you work on your collaboration skills and set your project goals. We would be happy to come to your school for an hour plus introduction and then we invite you to come to our Challenge Course and engage in hands on teambuilding activities that will help you become a more productive and empowered team. Contact us for more information at joanna@sierranevadajourneys.org.



GreenPower:

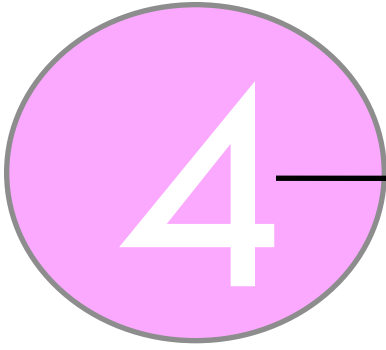
More specifically, teachers will receive ideas and knowledge they'll need to help guide their students through the sustainability plan competition. The annual training is sort of a kick-off event and preps instructors. Teachers will hear from industry experts, have hands-on stations and training, obtain curriculum, and even get materials they can use with their students. Contact Fayth.Ross@dri.org.



Urban Roots Garden Classrooms:

Grow your way to a sustainable school! Urban Roots Garden Classrooms will do a one hour garden site assessment with your group to begin envisioning a space where you can grow healthy food for your school. We will also discuss the steps and costs to implementing your garden. Open to the first ten schools to contact us at lynnae@urgc.org.





prepare and submit a plan

Sustainability Competition Requirements

PROPOSAL:

75 pts.

Submitted by April 1, 2011 at 5:00pm PST

Official submissions due to GREENevada@gmail.com

No longer than 10 pages including any pictures or diagrams.

Margins no smaller than 1 inch.

Font size no smaller than 12 pt.

SECTION 1: Statement of Need

10 pts.

The statement of need is an overview of the estimated sustainability situation at your school.

- What are the needs of your school and which needs will be addressed by your team?
- What is your rationale for these needs?
- You must define your situation/need clearly, specifically, and simply. Please address particular needs that you wish to address rather than attempting to address every need of your school.

SECTION 2: Goals and Objectives

10 pts.

This section outlines what you hope to achieve with your project

- Goals should be actions or programs you wish to implement at your school.
- Objectives are outcomes. They are more specific and definable measurements, as in measured improvements in efficiency or money savings.
- Be specific and realistic.

SECTION 3: Project Activities

25 pts.

This section is your detailed implementation plan.

- What steps are you going to take to accomplish your goals and meet your objectives?
- Include a general timeline.
- Who needs to be involved and how you got them involved? (This may include teachers, administrators, PTA, facilities, community members, etc.)
- Be specific and realistic. Note that your plan may be implemented over future years.
- What can you get started on now?

SECTION 4: Budget**10 pts.**

This section is a form which shows how much your project costs and how those funds will be allocated.

- How will you fund your project?
- List of the cost of everything that goes into accomplishing the goals and objectives.
- List the savings created by the project, if any.
- List any profit that your project may produce.
- These costs should be realistic and simple.
- What is the timeline for the costs, savings, profits, and fundraising?

SECTION 5: Impact Analysis**20 pts.**

Much of what is beneficial about sustainability is non-monetary. In this section, describe the non-monetary impacts of your project.

- Discuss both positive and negative impacts of your plan.
- How will you assess/measure the impacts of your plan?

NOTE: Any questions that you have about competition rules or requirements should be directed to greenevada@gmail.com. Please allow up to a week for responses. Answers to questions and requests for clarifications will be e-mailed to all advisors at the discretion of the GREENevada team.



earth day presentations

PRESENTATION:

25 pts.

April 22, 2011

*Site: TBD**

*Length: 5-10 minutes TBD**

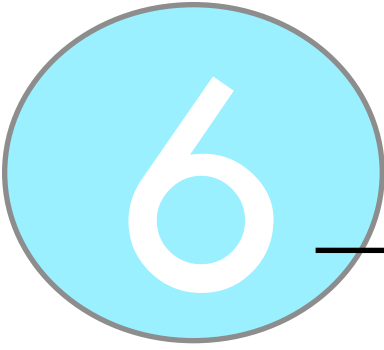
This is your opportunity to convince the judges.

- You can use videos, posters, displays, etc. to help explain, promote, and show off your proposal.
- This is where you can be creative, captivating, convincing.

*After all of the registrations have been received, and GREENevada has a better idea of how many teams will be presenting and how many attendees we will have for the Earth Day presentations, specific presentation lengths and a presentation space will be identified. Teams can expect to be notified of this information by the end of February.

The Earth Day presentations will give you and your team a chance to share your findings with other high schoolers from around the area. It will also be a time to celebrate all of your hard work! This will be an all day event with lunch provided. Teams are encouraged to show their spirit at the event in any positive way (team costumes, banners, etc). Please do not act negatively towards any others. Groups who do so may be disqualified.

NOTE: Any questions that you have about competition rules or requirements should be directed to greenevada@gmail.com. Please allow up to a week for responses. Answers to questions and requests for clarifications will be e-mailed to all advisors at the discretion of the GREENevada team.



implementation, next steps

The top plans and awards will be announced at the end of the Earth Day event.

The members of the GREENevada coalition strongly encourage all teams to implement their plans even if they do not receive an award.

This is your chance to put all of the activities from your proposal into action. Your group may need to do some fundraising, some awareness raising, or some barn raising. Don't let your plan stop just with the proposal!

GOOD LUCK!

And, remember, all of us at GREENevada are here to help!