



Photos of kids removed to protect privacy

Living Future

April 29, 2011

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Mission & Vision

- Mission
 - To prepare and engage students as environmental leaders and stewards
 - To advance resource conservation and waste reduction in school facilities
- Vision for All Washington schools to...
 - Practice resource conservation and protection, and toxics reduction
 - Provide a climate where students are engaged to become environmental stewards



Today's Goals

- Program overview:
history & how it works
- Share case studies
- Help us improve the
program
- Get involved and help
spread the word!



The Beginnings

- 2005: Steering Team Forms
- 2006: DOE provides funding
- 2007: Consultant team hired
- 2008: Program Pilot
- 2009: Program launch statewide
- 2010: First school certifies
- 2011: WAGS organized as a non-profit



Benefits For Schools

- Learn how daily practices and choices at school affect the environment
- Helping meet state learning goals
- Gaining information about their facilities that can be used to make changes that may lower utility costs
- Increasing student ownership and pride in school
- Enhancing community service opportunities, community building, and a sense of purpose



Benefits For Agencies

- Access for all schools
- Gain statewide environmental outreach
- Supports career training for students
- Increases community awareness and action
- Provide a structure for schools and agencies that are already promoting sustainability



Steering Team



Support & Feedback

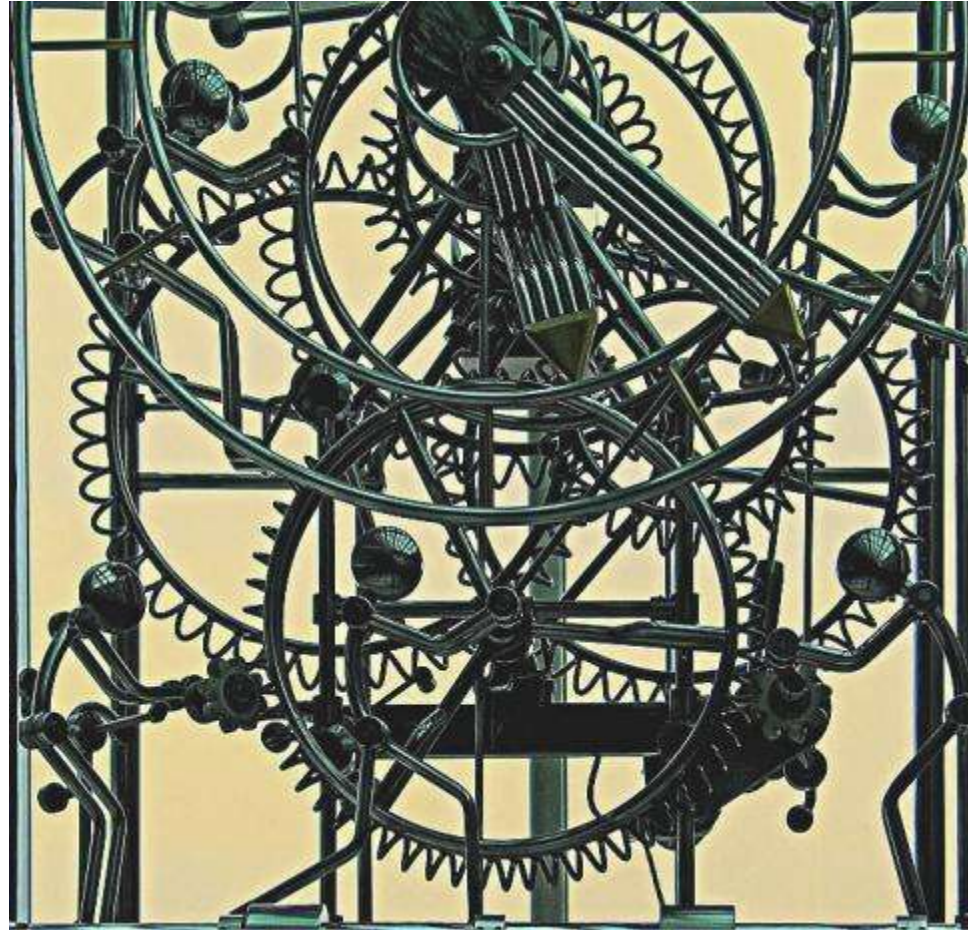
- Office of the Superintendent of Public Instruction (OSPI)
- Kitsap County Public Works
- WSU Extension--Resource Conservation Managers
- Northwest, Puget Sound, & Southwest Clean Air Agencies
- Puget Sound Energy
- Seattle School District
- City of Vancouver
- Nooksack Salmon Enhancement Association
- King County Hazardous Waste
- City of Issaquah
- City of Bellingham
- Snohomish County Public Works
- Thurston County Environmental Health
- Tacoma Public Utilities



Stakeholder Feedback



Consultant Selection: Complex



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Upcoming Events

Welcome!

****NEW**** [Washington Green Schools Newsletter](#). Please explore to find news and highlights of teachers, students and schools in the Washington Green Schools community.



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Two fifth graders enjoy their time as lunchroom recycling and waste monitors.

Washington Green Schools provides resources and tools to involve students, teachers, and community members in assessing and taking action to increase resource conservation and waste reduction in schools. A non-profit program, Washington Green Schools envisions that all



[Click here](#) to view participating schools

Program at a Glance

- 146 Participating schools
- 30 Level 1 schools
- 4 Level 2 schools
- 54 Participating districts
- 76205 Students attending participating schools
- 20 Participating counties



Consultant Team



Work Organization

Pilot Program

Web Development

Marketing Plan

Teacher Trainings

Program Development

Program Launch

Summit

Develop Program Infrastructure

Project Management



Program Identity



Project Identity Creative Brief

Purpose

The information provided in this document will help guide the writing, design and production of deliverables for the project. This document should be completed the project manager and/or client prior to any work being begun by the creative or design teams.

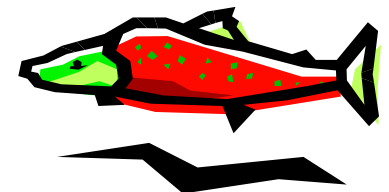
This document should be used in conjunction with any pre-existing Brand Platform, Brand Guidelines and/or Style Guides, unless it is a wholly new project in which case this document can be used to generate such documents.

Project Goals

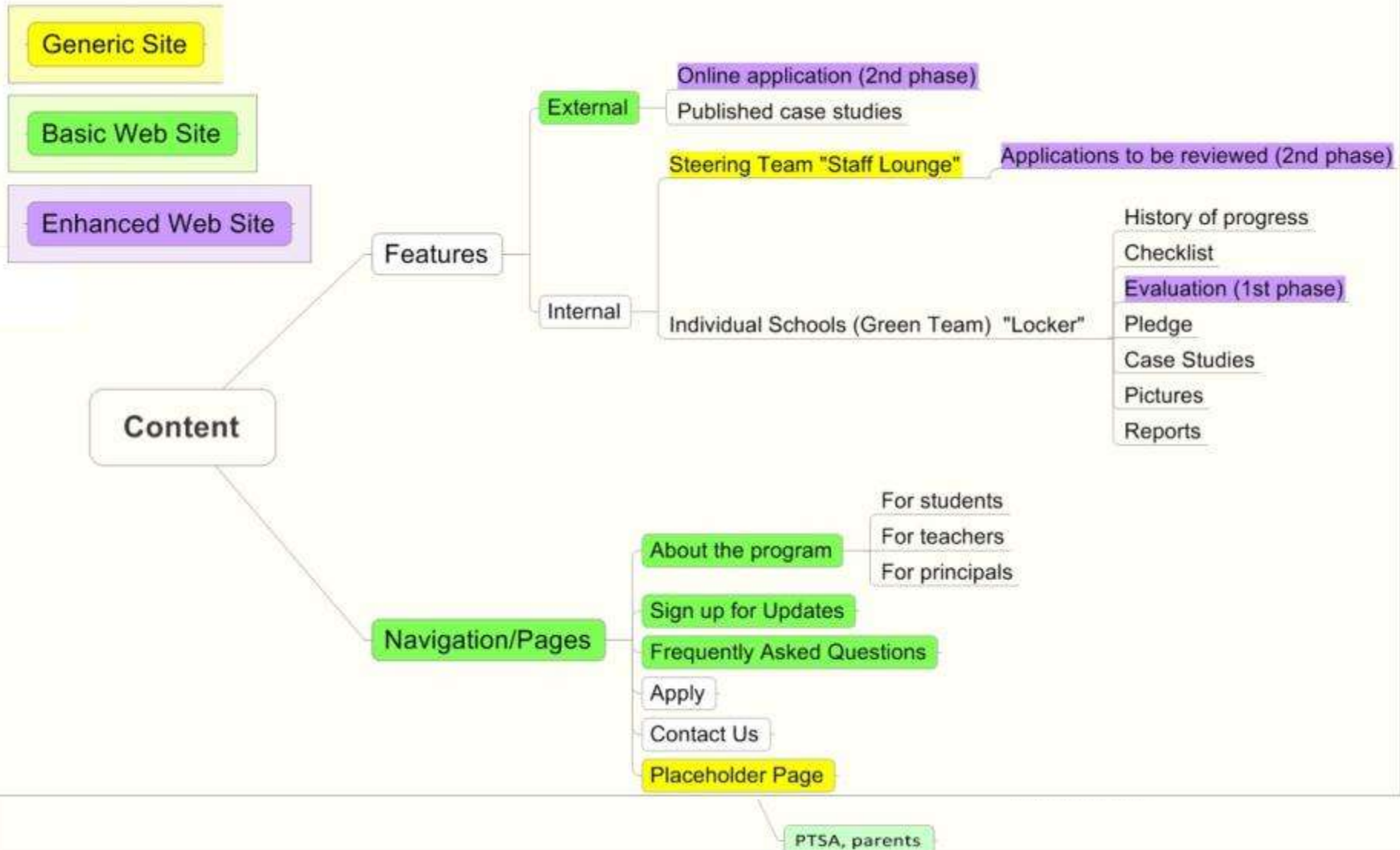
1. What are the short- and long-term goals of the project?
2. What measurable objectives have been identified, or what benchmarks will measure the success of this project?

Project Audience(s)

3. Who are your primary target audience(s)? Please consider including



Visioning & Development Process



Phase 1 Pilot



- **Mount Baker High School, Deming, WA**
Assessment: Transportation & Outdoor Air Quality
- **Franklin Elementary School, Port Angeles, WA**
Assessment: Water Quality & Conservation
- **West Valley High School, Spokane, WA**
Assessment: Toxics Reduction & Indoor Air Quality
- **Skyridge Middle School, Camas, WA**
Assessment: Recycling & Waste Reduction
- **Lawton Elementary School, Seattle, WA**
Assessment: Transportation & Outdoor Air Quality
- **West Valley City School, Spokane, WA**
Assessment: Energy Efficiency



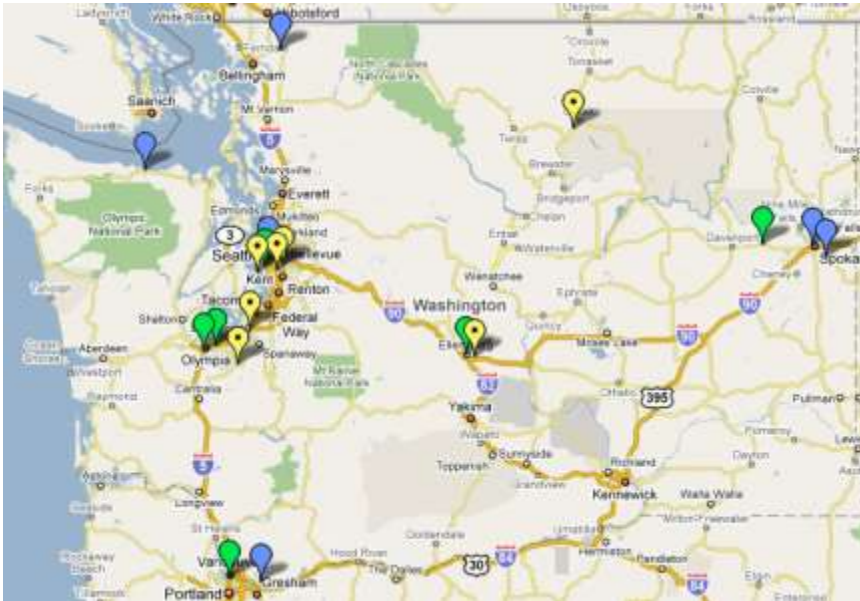
Pilot School Feedback

- “...Kids learned that even though our school is considered to be pretty “environmentally friendly” by public school standards, we still have a long ways to go before we can feel satisfied with our “green” status.”
- “[They] had a good time playing detective, interviewing teachers, custodians. They learned a lot about their school that they never thought they needed to know.”

West Valley High School



Phase 2 Pilot



- New Market Skills Center (High School), Tumwater, WA
- Reardan-Edwall Middle School, Reardan, WA
- Ellensburg High School, Ellensburg, WA
- Tumwater Middle School, Tumwater, WA
- Cooper Elementary School, Seattle, WA
- Wy'East Middle School, Vancouver, WA
- Simpson Elementary School, Montesano, WA
- Holy Rosary School, Seattle, WA
- Oasis School, Richland, WA
- River's Edge High School, Richland, WA



What We Learned

- Even the very simple web site we'd built was a challenge for the least tech-savvy of our audiences.
 - We created a video walk-through of the web site to provide that “hand-holding”
- Teachers wanted tips for integrating the activities into their curriculum
 - We developed Educator Guides
- 100% online program not feasible.
 - We developed Teacher Trainings



Challenges & Triumphs



Things we had to give up



Top Ten Ways Districts Can Help Schools Become Washington Green Schools

Support your schools' green efforts!

- 1. **Participate on the Green Team.** Each Washington Green School is required to form a Green Team. District level involvement and support - by attending meetings and being a liaison between the school and district administration - is important for the school's ongoing success.
- 2. **Facilitate access to information, such as utility bills.** This information will help schools set a baseline and to calculate potential savings in waste, water, and energy. Help facilitate communication between the school and your district's billing/accounting department.
- 3. **Ensure green purchasing options.** If schools purchase supplies through the district, make sure that all schools have access to recycled-content paper products, least-toxic cleaning supplies, low-odor dry eraser markers, refillable pens, etc.
- 4. **Supply recycling containers.** Successful recycling programs require proper bins. Repurpose or help purchase containers for recycling paper, bottles, cans, and food scraps. Some haulers and governments may provide bins at no cost or offer grant opportunities.
- 5. **Provide schools with signage or access to signage.** Clear text and images for behavior changes remind your school community about expectations. If the district, local government, or hauler already has signage about recycling, energy, no idling, and water conservation, etc. inform your schools.
- 6. **Provide I.T. support for setting defaults on equipment for double-sided printing.** This is an easy inexpensive way to save paper (and therefore, money, trees, other resources) immediately.
- 7. **Support presentations.** For certification, each Washington Green School is required to share their findings and successes with their community, including the school district. Help each school meet their requirement by suggesting venues for presentations and welcoming them at district-wide meetings.
- 8. **Promote your district and schools' green efforts via email, newsletter, and announcements.** By sharing the successes and challenges of your Washington Green Schools with the rest of the schools in your district, you increase the likelihood of other schools participating.
- 9. **Pilot a replacement project.** If your green school wants to install water saving toilets, air hand dryers, durable lunch trays, bulk lunchroom dispensers, or carpool only parking spaces, work with them to fulfill these efforts financially, programmatically, and/or through installation. Check with local agencies and/or grant sources for financial support.
- 10. **Take it to the District level.** Form a district-wide Green Team with at least one representative from each school. If you don't already have one, consider hiring a Resource Conservation Manager (RCM) to help schools achieve Washington Green School status as well as save money and resources.

Washington Green Schools is a voluntary, web-based program that schools can use to reduce their environmental and carbon footprints. This program provides resources and tools to involve your school community in assessing the current status of their campuses and taking action in the following categories:

- Energy Efficiency
- Recycling & Waste Reduction
- Toxics Reduction & Indoor Air Quality
- Transportation & Outdoor Air Quality
- Water Conservation

Schools earn points by completing six steps for each level. For more details on program structure and benefits, visit www.wagreenschools.org



Things We Got



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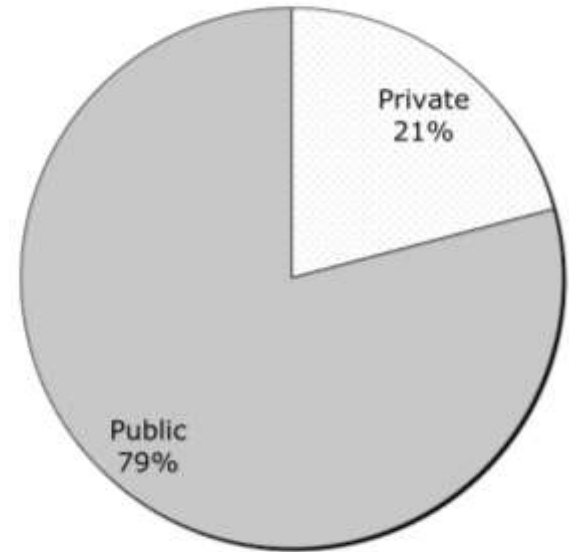
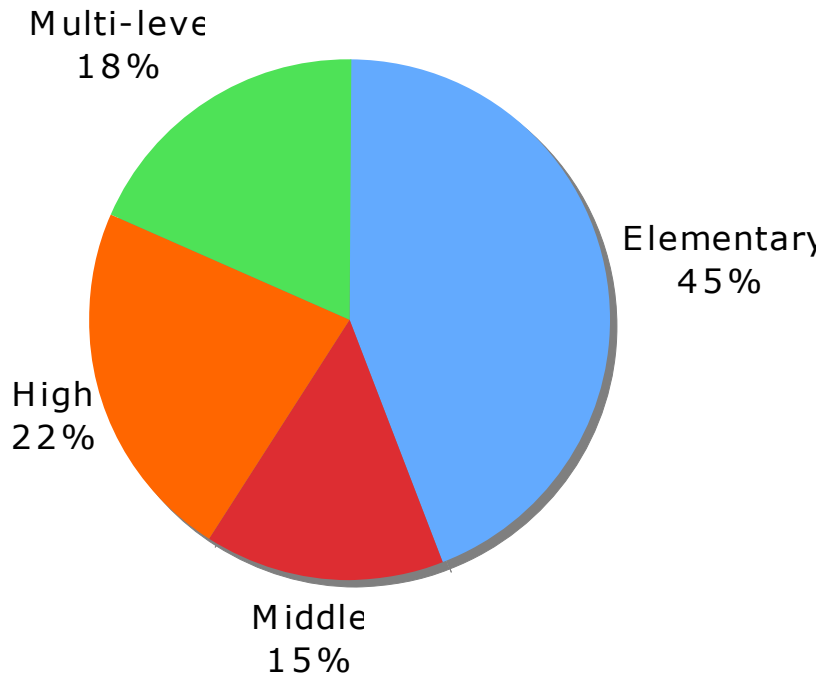
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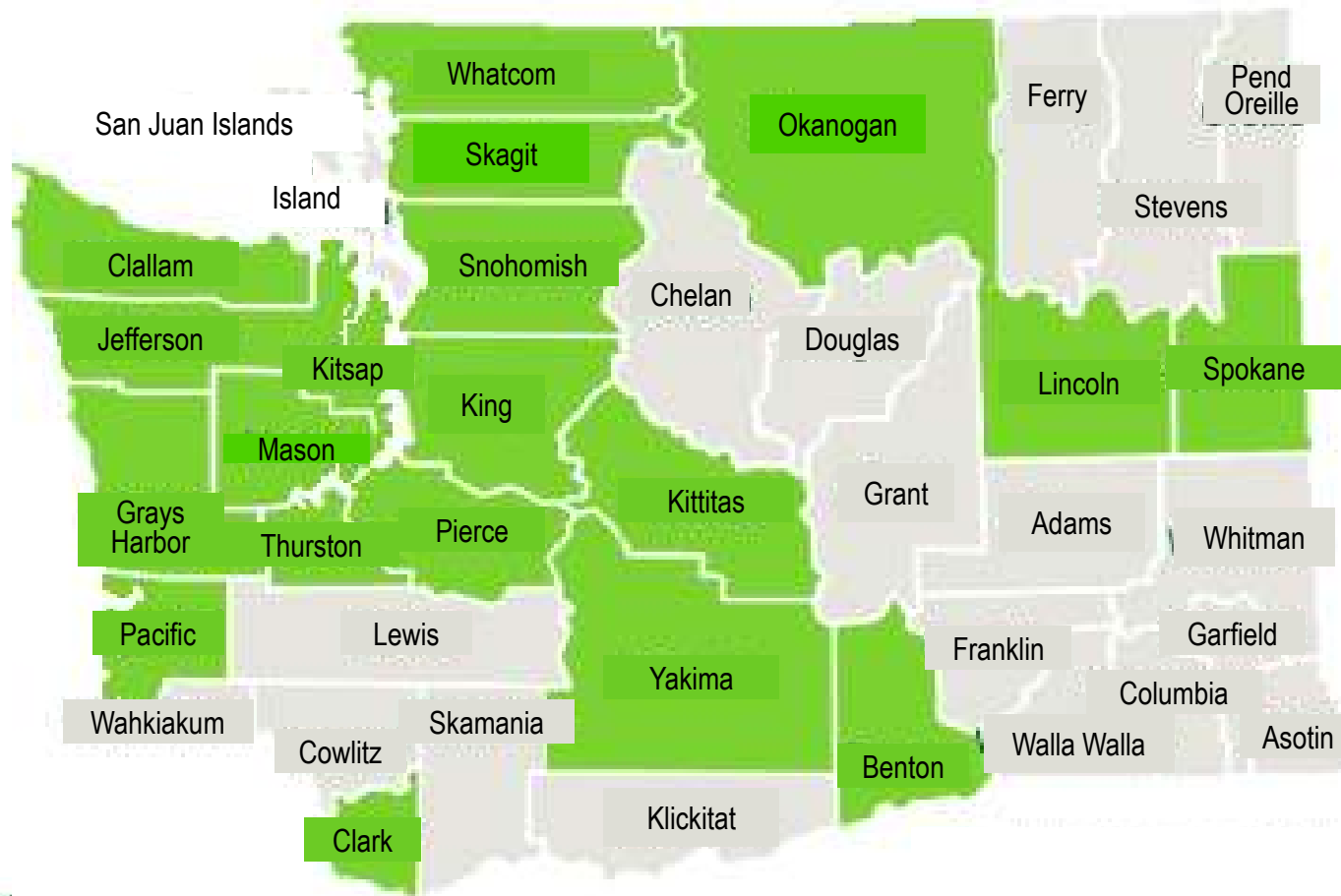


Participating Schools



- ✧ More than 150 registered schools
- ✧ 28 certified at Level 1; 3 at Level 2

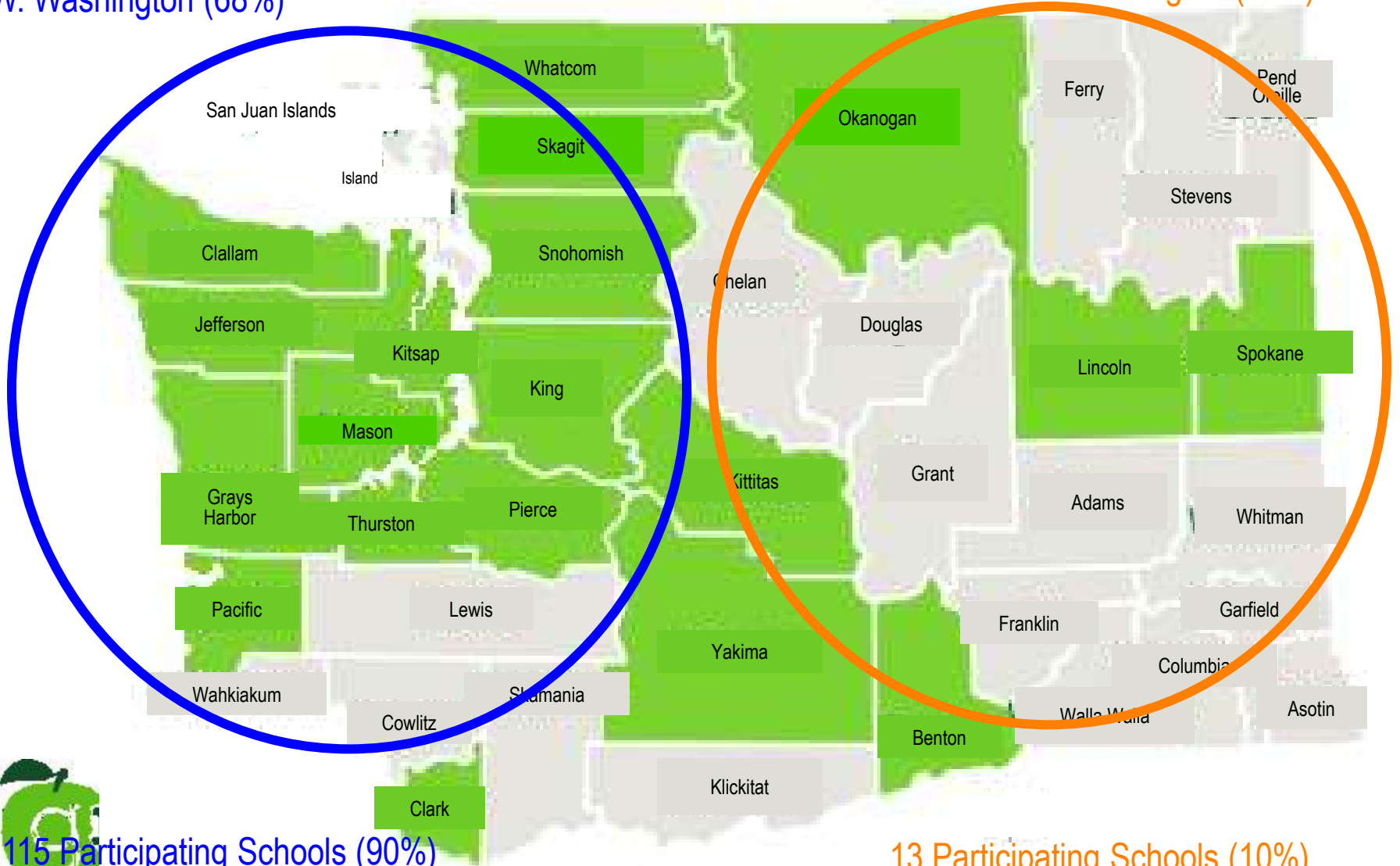
Participating Counties



Geography

13 counties in
W. Washington (68%)

6 counties in E.
Washington (31%)



115 Participating Schools (90%)
28 Schools certified

13 Participating Schools (10%)
3 Schools certified



Program Overview

- Five environmental categories
- Six step process
- Materials available on website
- Submit report card for certification
- Receive flag and celebrate



Complete the Following Steps for Each Level:

Step 1 Build Your Green Team	Form a Green Team and Create a Washington Green Schools Account <ul style="list-style-type: none">• Go to www.wagreenschools.org to set up an online account for your school.• Your Green Team must include at least one teacher, two students, one school staff member (not a teacher) and one administrator associate. More encouraged!	10 Points
Step 2 Assess: Choose a Category	Choose an Environmental Category and Complete an Assessment <ul style="list-style-type: none">• Use the online Assessment documents, worksheets and requirements.• Use the online Assessment Guide for resources and tips on how to complete the Assessment.	20 Points
Step 3 Address: Make a Lasting Change	Reflect on the Assessment Results and Make a Lasting Change <ul style="list-style-type: none">• Address your Assessment findings by taking action that results in one long lasting environmental change at your school. Refer to the last page of the Assessment for ideas and suggestions.	20 Points
Step 4 Take More Action	Choose and Take Additional Action <ul style="list-style-type: none">• Implement one Action Item (10 points each) from each of the other Environmental Categories to earn a minimum of 40 points.	40 Points
Step 5 Shout it Out: Share Your Results!	Share Your Results to Help Inspire Others <ul style="list-style-type: none">• Share your actions and results within your school and your community to help inspire others. For example, do a presentation for the school board or parent-teacher organization.	10 Points
Step 6 Get Certified and Celebrate!	Submit Your Report Card for Certification Celebrate!	100 Points Per Level



Step 1: Green Team



Step 2: Assess

Select a focus category for assessment

- Energy Efficiency
- Recycling and Waste Reduction
- Toxics Reduction and Indoor Air Quality
- Transportation and Outdoor Air Quality
- Water Quality and



Step 3: Make a Lasting Change

- Systemic
- Policy Level
- Change that endures



Step 4 : Take More Action



Step 5: Share Your Results

**Within school
community:**

**In broader
community:**



Step 6: Certify and Celebrate



Website Features



home

locker

school profile

report card

1. build your green team

2. assess: choose a category

3. address: make a lasting change

4. take more action

5. share your results

6. get certified and celebrate!

program tools

bulletin board

case studies



join us on facebook

Bulletin Board

Welcome to the Bulletin Board. Use this space to share your Washington Green School findings, actions, and results with other Washington Green Schools. You can post pictures, case studies, articles, or any great news you would like other schools to know about. Documents on this Bulletin Board are visible to all schools logged into this site.

Shared Files

These files were uploaded by other Washington Green Schools. Take a look at what they are doing, and how they are making a difference at their school.

FILES

Case Study



[interpretive signage](#) - Bertschi School (Jun 5, 2009)

This is a document with interpretive signage throughout our campus. The signs are used to educate our community about the components of our campus that relate to our "green" efforts. As classes study each component of sustainability, the students create art to attach to the signs which relates to that study.

All Schools' Updates

Washington Elementary: We just joined the program! - Apr 14, 2011

Spinning Elementary: We just joined the program! - Apr 12, 2011

Whittier Elementary: We just joined the program! - Apr 11, 2011

Waller Road Elementary: We just joined the program! - Apr 6, 2011

Sequim High School: This year we have been focusing on waste reduction and recycling component of WA Green Schools. We completed an extensive audit in the fall and discovered, much to our dismay, that we were only recycling half of all recyclables (cans, paper, cardboard and plastic bottles). Our ("lasting change"), then, is to increase the percentage of recyclables we recycle substantially. To do this students have already created one video announcement to go on our weekly student generated video news program and they are working on another one.



Teacher Trainings



Case Study 1: Garfield High School

- Level 1 Certification
(2010)
- Assessment:
- Recycling & Waste
Reduction



Garfield - Lasting Changes



Garfield: Results



Garfield: Outreach



Case Study 2: Hathaway Elementary School

- Level 1 Certification
- Assessment:
- Energy Efficiency



Hathaway

- Energy Assessment Results:
- High amounts of wasted energy, lights on all the time, issues with heating and cooling the building.
- Students wrote letters to the school board and superintendent to address issues



Case Study 3:

The Bertschi School

- Mission: educate children to become compassionate, confident, and creative learners in a global community.
- Values: integrity, inclusiveness, respect, and a commitment to sustainable practices.

Facts at a Glance:

- NAIS and PNAIS accredited
- Located in Seattle
- 235 students
- Pre-K through 5th grade
- Class size 17 students
- 30 faculty



Bertschi School Campus

- Bertschi Center
- LEED Gold Certified
- Living Science Building



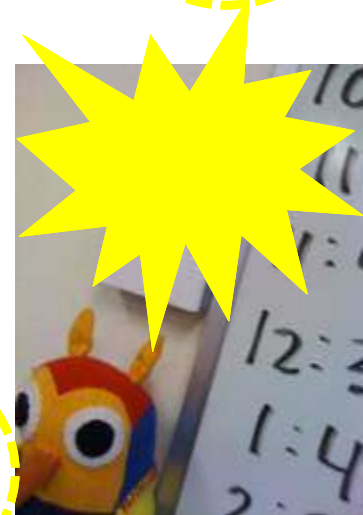
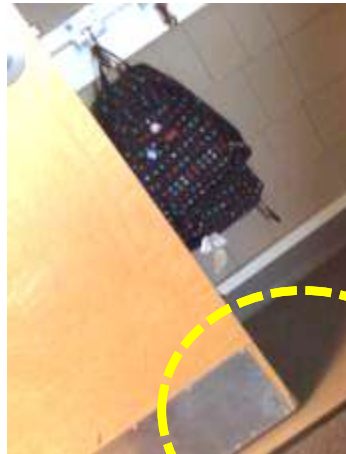
Bertschi School

- Level 1 Certification
- Assessment:
- Energy Efficiency (2009-2010)
- Outdoor Air Pollution & Transportation (2010-2011)





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WGS Lasting Change
at work in
second grade!



Bertschi School

- **Build a Green Team**
- Choose a Category & Assess
- Address a Lasting Change
- Take More Action
- Share Results & Actions
- Submit Report Card & Earn Certification



Bertschi School

- Build a Green Team
- **Choose a Category & Assess**
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Menu



- Energy Efficiency

- Recycling & Waste Reduction

- Toxics Reduction & Indoor Air Quality

- **Transportation & Outdoor Air Quality**

- Water Quality & Conservation

green Transportation & Outdoor Air Quality Assessment

School Name: _____ Date: _____
Contacted By: _____

Congratulations on completing Step 1 by forming your Green Team!

Step 2: Assess

Complete the Transportation & Outdoor Air Quality Assessment to learn more about the current transportation situation at your school and to make your Green Team's assessment a useful tool to change the current Transportation & Outdoor Air Quality. Use the Transportation & Outdoor Air Quality Assessment Report Card to record your findings and the following page.

Assessment Information

List the results of all Classroom Temperature Assessments (attached to complete this section).

1. What mode of transportation do staff and students usually use to get to school? Record the following information and enter the primary mode in the table below.

Mode of Transportation	Number of Users					Total
	Staff	Students	Parents	Volunteers	Other	
Walk						
Bus						
Bike						
Other						

2. Approximately what percentage of the accounts are staff-owned or school-owned? (A school is considered an account and is not counted as a student.)

Staff: _____ %
Student: _____ %



Bertschi School

- Build a Green Team
- Choose a Category & Assess
- **Address a Lasting Change**
- Take More Action
- Share Results & Actions
- Submit Report Card & Earn Certification



Bertschi School

- Build a Green Team
- Choose a Category & Assess
- Address a Lasting Change
- **Take More Action**
- **Share Results & Actions**
- **Submit Report Card & Earn Certification**



Case Study Exercise

- Find a group of 2 or 3.
- Choose a category.
- Read Part A to learn about your school.
- Complete assessment to answer questions in Part B.
- ‘Reassess’ and answer questions in Part C.



Thank you!



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