

#### GATLINBURG GOES GREEN! - REGISTRATION FORM. CHECK LIST AND COMMITMENT FORM

**CATEGORY: SCHOOLS** 

### **Program Overview:**

#### GATLINBURG GOES GREEN! is a

voluntary educational program that recognizes Member businesses that have made a commitment to continuously improve their operations in order to reduce their environmental impact. This program allows Member businesses to evaluate their operations, set goals, and take specific actions towards environmental, social, and economic sustainability.

The "GATLINBURG GOES GREEN!" program is the product of a group of concerned business owners and citizens of the City of Gatlinburg who are dedicated to keep Gatlinburg a Great Place to Live, Work and Visit. With Great Smoky Mountains National Park, an International Biosphere, as our backyard that millions of guests visit each year it is important that the environmental impact from humans is as small as possible. This program in its initial conception is a first step towards making a green difference.

The Gatlinburg Chamber of Commerce along with the Green Workgroup will continue to educate Chamber Members on the progressive steps necessary for improving their business' environmental impact.

How Does A Business Participate? Any Gatlinburg Chamber of Commerce Member in good standing may participate. Members wishing to participate must complete the Program Participation Agreement, either online or on paper, and then complete this Check List to be evaluated.

**Program Participation Agreement** Asks for business contact information. Signing the Agreement makes the business a "pledged" member of the program.

Checklist: Provides nine fields in which the participating evaluates current efforts that the business has taken to improve its impact on the environment. Points are awarded in each and will be used by the Gatlinburg Chamber of Commerce to recognize Member businesses that are making a difference. Check lists will be completed on a yearly basis with participating Member businesses commitment forms. However, should a business make improvements during the year they are welcome to submit an updated checklist.

NOTE: Please answer questions and statements with a "yes" (y) or "no" (n), unless you believe the question or statement does not apply.

#### **HOW DOES A BUSINESS RENEW ITS COMMITMENT?**

A business that wishes to be reevaluated can contact the Chamber for a new checklist at any time.

# CAN A BUSINESS BE REMOVED FROM THE PROGRAM?

GATLINBURG GOES GREEN! is a voluntary program. It is the responsibility of the business to assure all program requirements are met. If a business is unable or unwilling to meet the responsibilities and program requirements, all GATLINBURG GOES GREEN! promotional materials must be returned to the Gatlinburg Chamber of Commerce and the business will refrain from further identification with GATLINBURG GOES GREEN! through name or use of the GATLINBURG GOES GREEN! Logo.

GREEN POINT STRUCTURE: Each example listed is valued at one (1) point unless otherwise indicated. Please check all of the boxes that the business has already implemented. If the business currently utilizes or plans to utilize an approach not listed that meets the goals of the section, please list this approach in the "Innovative Best Practice" space at the end of each section. Attach additional sheets if needed. One (1) point will be awarded to each "Innovative Best Practice" listed.

Fields where Green Points can be obtained.

- A. Communication and Education
- B. Waste Reduction, Reuse, and Recycle
- C. Energy Efficiency, Conservation and Management
- D. Water Conservation and Wastewater Management
- E. Air Quality
- F. Wildlife and Landscape Conservation and Management
- G. Transportation
- H. Purchasing
- I. Local Community Benefits

#### **GATLINBURG GOES GREEN ACTIVITIES:**

**Swap Shop:** The Swap Shop is a materials exchange site for members to trade unused and unwanted items. Anything from electronics to craft materials to leftover paint can be posted and exchanged. Go online to:

#### Gatlinburg.com/SwapShop

**Earth Day Festival:** Public event held annually the Tuesday the week of April 22 (Earth Day) each year.

**Educational Events:** Educational meetings, luncheons, ceremonies or seminars will be held throughout the year.



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# GATLINBURG GOES GREEN! REGISTRATION

CONTACT INFORMATION		
BUSINESS NAME:		
CONTACT PERSON:		
Position:		
EMAIL:		
PHONE:		
FAX:		
WEB SITE:		
Address:		
CITY:		
STATE: ZIP:		
NUMBER OF EMPLOYEES		
GATLINBURG GRAMBER OF COMMERCE		

# GATLINBURG GOES GREEN! COMMITMENT

By signing below I acknowledge as representative for the business listed to the left to join GATLINBURG GOES GREEN!:

We will use the GATLINBURG GOES GREEN! Program to (1) analyze our present impact on the environment and (2) identify, plan and implement changes that will demonstrate our environmental awareness and responsibility.

This is a free, voluntary program run through the Gatlinburg Chamber of Commerce Foundation to educate the member businesses.

	Print Name
	Title
Signature	Date



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# Section A: Communication and Education (Students, Employees, Public)

Why is this important? It is important to educate and increase the awareness of your customer, employees, and the public about actions they can take to help your business improve its environmental impact. At the same time, letting your customers know about the ways you are greening your operations will create market distinction. Customers can support businesses that have reduced their impact on the environment and will spread the word about their experiences. In addition, it is especially important to provide training and educational opportunities for your employees about the environmental improvement actions the business is taking.

1.	The school provides training and educational opportunities to engage employees in the actions and plans of Gatlinburg Goes Green program.
2.	Signs are posted listing steps the school is taking to improve their environmental impact.
3.	${\text{[Y/N]? If yes, is information about the school's}}$ environmental policy included on that web site?
4.	$\underline{\hspace{1cm}}$ Does the school advertise (circle one [ Y / N ]? If yes, is information about school's environmental policy included in advertising materials?
5.	Verbal communication is used about the school's environmental improvement projects (for example, speak about the school's environmental policies at a community function).
6.	Regular staff meetings are held to keep employees involved in the school's environmental improvement progress.
7.	Interpretation and/or educational opportunities are provided for visitor/customers.
8.	(2 points) Staff is encouraged (formally or informally) to uphold sustainable practices by including an evaluation of these practices in performance appraisals
9.	The Gatlinburg Goes Green! Logo is displayed (please specify where):
until furt achievin	ve Best Practice (1 point awarded for each practice her review) If the school has other ways it is g the goals of Section A: Communication and on, please describe this here:
SE(	CTION A Subtotal

# Section B: Waste Reduction, Reuse, and Recycling.

Why is this important? By minimizing the amount of waste that goes to landfills, or the Sevier Solid Waste Composting Facility you can help reduce negative environmental impacts.

1.	A recycling program is in place at the school which involves the participation of both employees and customers. The program must include placing recycling bins and signs in places that make it easy for employees and customers to recycle. The school must also educate staff and customers about the recycling program and involve them in the program.
2.	Fluorescent tube and/or compact fluorescent bulbs are properly recycled at the end of their useful life.
3.	The school identifies and properly disposes of hazardous chemicals and avoids disposing hazardous chemicals into the sink and toilet.
4.	Reusable goods are used instead of disposable ones. For example: refillable soap and shampoo dispensers, glass instead of plastic water glasses, purchasing products in reusable/returnable containers, reusable food services items (cutlery, plates, cups), cloth napkins and tablecloths. Please describe ways your school is using reusable items:
5.	Products are purchased in bulk/concentrate (especially cleaning products). Please list products:
6.	Printers and copiers are set to print on 2 sides by default.
7.	Office paper, toilet tissues, paper towels, and paper napkins that are purchased are minimum 30 percent post-consumer recycled content. (For more information on buying other recycled paper products see:  www.epa.gov/epaoswer/non-hw/procure/pdf/paper.pdf)
8.	Advertising, educational, and promotional pieces such as brochures are printed on recycled stock. Please list recycled content:
9.	Excess food, toiletry items, linens, furniture, and/or other items are donated to local charities and shelters, where available.
10.	Freecycling is used at the school.



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	items for free (usually via an online forum) for reuse.  Examples can be found at: <a href="https://www.freecycling.org">www.freecycling.org</a> .	11.	Insulation is used on pipes to improve energy efficiency.
11.	(3 points) Biodegradable plastic bags are used in the school.	12.	Insulation is used on equipment such as hot water heaters to improve energy efficiency.
it is Re	Innovative Best Practice (1 point awarded for each actice until further review) If the school has other ways achieving the goals of Section B: Waste reduction, use, and Recycling, please describe this re:	13.	When appliances and equipment are replaced, the school makes the commitment to purchase or lease them with ENERGY STAR rated appliances and equipment (for example computers appliances, and heating and cooling equipment). (For more information: <a href="https://www.energystar.gov">www.energystar.gov</a> ).
SE	CTION B Subtotal	14.	A programmable setback thermostat is used. [Note: In the winter, slightly lower the temperature (i.e.68 degrees F) and in the summer raise the temperature slightly (78 degrees F)].
	on C: Energy Efficiency, Conservation lanagement.	15.	Weather stripping is installed and maintained Please note location of weather stripping:
	this important? Conserving energy means reducing aption. Conserving energy reduces operating es.	16.	Computers, monitors, printers, photocopiers, and other small appliances such as coffee machine and/or power strips are turned off when not in use and at night.
1.	(5 points) A subscriber of Green Power.	17.	Entry areas are designed with air locks and
2.	(5 points) Has had an energy audit done. If not, please contact Lucas Harkleroad at (865) 774-6264 to schedule an energy audit.		gust preventers, and/or revolving doors.  (BONUS- 3 points) Buildings designed to
3.	Existing light bulbs and/or incandescent lighting are replaced with compact fluorescents. Please indicate percentage that have been replaced		incorporate passive solar heating (including orientation, south glazing/floor area ration, orientation specific low-e tuning, summer shading, and thermal mass design). For more information o green building please visit <a href="https://www.greenbuilthome.org">www.greenbuilthome.org</a>
4.	ENERGY STAR qualified light fixtures are in place or on a replacement schedule.	19.	(BONUS- 3 points) Buildings designed to incorporate cooling (including orientation, summer shading, thermal mass, attic ventilation, additional
5.	Exit signs are replaced with long-lasting, low-energy LED (light-emitting diode) exit signs.		ceiling fans, heat recovery ventilation and natural ventilation design). For more information on green building please visit <a href="https://www.greenbuilthome.org">www.greenbuilthome.org</a> .
6.	Lights are set to timed/movement sensors in low traffic areas.	20.	Windows are opened (when possible) instead of running air conditioners.
7.	HVAC is set to timed/movement sensors in low traffic areas.	21.	Visitors are informed of energy conservation practices and provided with energy saving tips.
8.	Does the school own the property? Circle one ( Y / N ) If yes, is HVAC on at least an annual regular preventative maintenance schedule to prevent and fix problems which may reduce efficiency?	22.	(BONUS- 3 points) Use of renewable energy sources (such as solar, wind, biomass, thermal). (For more information: <a href="www.focusonenergy.com">www.focusonenergy.com</a> ) Please list the renewable energy source(s) and indicate the percentage of total energy consumed
9.	Do you plan to install or do you already have low-reflective glass to conserve heat/cool air in rooms.		that this accounts for:
10.	ENERGY STAR qualified windows are in place or are on a replacement schedule.		Innovative Best Practice (1 point awarded for h practice until further review) If the school has othe is it is achieving the goals of Section C: Energy



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	iciency, Conservation, and Management, please scribe this here:	<ol> <li>Dishwashing detergents that are biodegradable and do not contain nitrilotriacetic acid or chlorine bleach are used. Please list names of products used:</li> </ol>
SE	CTION C Subtotal	
Why is consum	con D: Water Conservation and ewater Management  this important? Conserving water means reducing aption and conserves a precious resource. Reducing sumption of water your school uses will reduce your	Innovative Best Practice (1 point awarded for each practice until further review) If the school has other ways it is achieving the goals of Section D: Water Conservation, please describe this here:
	ng costs.	
1.	Low-flow fixtures are in place or on a replacement schedule (with gpm or gpf less than code). Indicate the number of low-flow fixtures in	SECTION D Subtotal
	place:	Section E: Air Quality
2.	(BONUS- 3 points) Wastewater is reduced at your school. Please describe how your facility reduces wastewater:	Why is this important? Good air quality (including indoor) is important to human health and the environment. Air pollutants can indirectly and directly affect our health.
		1 Exhaust fans are vented outside and not to
3.	(BONUS- 3 points) Reclaimed water is used for such things as irrigation, laundry, toilets, and/or cooling towers for example. Please list what reclaimed water is used for:	the attic.  2 Dehumidifiers are in use. (Dehumidifiers will reduce mold buildup within dry-wall structures. This helps to ensure a healthy air environment inside the building)
		Environmentally preferable High Efficiency
4.	Large areas such as sidewalks/drives and	Particulate Air (HEPA) filters are in use.
	parking lots are not washed down (sweep or vacuum instead).	4 HVAC system is checked at least annually for mold and bacteria as well as obstructions to air
5.	Water-using appliances and equipment, such as cooling towers, ice machines, hot water heaters, dishwashers, and washing machines are on a preventative maintenance schedule to ensure	flow. All air handler units and coils are cleaned following a regular preventive maintenance schedule (at least annually) and the school keeps a record of these activities.
	maximum efficiency.	<ol> <li>School refrains from using deodorizers to mask smells.</li> </ol>
6.	Dishwashers and/or washing machines are filled to recommended capacity for each cycle and the most energy-efficient recommended water	6 School prohibits smoking inside all buildings.
	temperature is used.	7 High moisture areas such as the kitchen and laundry rooms are well ventilated.
7.	A regular maintenance schedule is in place	·
	to find and repair leaky faucets, toilets, showerheads and pipes.	<ol> <li>Is the school responsible for painting/repainting the business? circle one [ Y / N ]</li> <li>If yes, are low-VOC paints and finishes</li> </ol>
8.	Non-toxic, phosphate-free biodegradable cleaning products are used. Please list names of products used:	used( 1 point)? b. Are no-VOC paints and finishes used(2 points)?
		(For more information on No-VOC paints: <u>www.nontoxica.com</u> or <u>www.HealthyHome.com</u> )



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School tests for gases such as carbon monoxide and radon and materials such as lead paint and asbestos. Please list the hazardous	<b>system*</b> used to reduce or eliminate the need for toxic insecticides and pesticides?
materials and gases that your facility tests for to ensure healthy air quality.	*Integrated Pest Management (IPM) is an effective and environmentally sensitive approach to pest management that relies on a combination of common-sense practices. IPM programs use current, comprehensive information on the life cycles of pests and their interaction with the environment. This
10 Does the school have refrigeration/freezer units on premises? circle one [ Y / N ] If yes, are ozone-depleting chlorofluorocarbons (CFCs) such as refrigerant and aerosols avoided and/or existing CFCs recovered, recycled and properly disposed Innovative Best Practice (1 point awarded for each practice until further review) If the school has of ways it is achieving the goals of Section E: Air Quality please describe this here:	information, in combination with available pest control methods, is used to manage pest damage by the most economical means, and with the least possible hazard to people, property, and the environment. (source: http://www.epa.gov/pesticides/factsheets/ipm.htm)  8 Does school have outside landscaping? circle one [ Y / N ] If yes, is rainwater/stormwater collected onsite (for example through use of rain
SECTION E Subtotal	9(3 points) <b>Leave No Trace</b> principles are promoted to students and staff. Please see
Section F: Wildlife and Landscape Conservation and Management  Why is this important? Tourism schools can help prote biodiversity, endangered species, habitat, waters, and landscape by raising awareness of these issues among customers and employees.	www.lnt.org for the seven steps in detail which are:  a. Plan ahead and prepare b. Travel and camp on durable surfaces c. Dispose of waste properly d. Leave what you find e. Minimize campfire impacts f. Respect wildlife g. Be considerate of other visitors  10. (2 points) Publications are provided offering information on native plants and wildlife.
<ol> <li>Does school have outside landscaping? circle one [ Y / N ] If yes, does school landscape with native plants? (Landscaping with native pla minimizes the need for excess watering and fertilization).</li> </ol>	nts Does school have outside lighting? Circle one [ Y / N ] If yes, are motion detector lights used instead of constant outdoor lighting?
<ol> <li>If YES to Section F, Question 1 (above), watering, when necessary, takes place in the ea morning or at night to minimize evaporation.</li> </ol>	12 Low reflective glass, hawk silhouette decals, or other animal-safe deterrents are used to prevent bird strikes.
<ol> <li>If YES to Section F, Question 1 (above), a soaker hoses or drip irrigation systems used to water plants? In addition, mulch is used to help retain water.</li> </ol>	13 The school helps to conserve and preserve natural resources and habitat, such as wetlands, forests, farmlands and other environmentally sensitive areas (for example, through charitable giving to conservation organizations/nonprofit).  Please explain:
<ol> <li>The school securely stores food and trash order to avoid accidentally feeding animals.</li> </ol>	in
<ol> <li>Wildlife observation is done from a remote distance and avoided during sensitive times of the year such as during mating season.</li> </ol>	Innovative Best Practice (1 point awarded for each practice until further review) If the school has other
Organic fertilizers and products are used landscaping.	ways it is achieving the goals of Section F: Wildlife and Landscape Conservation and Management, please describe this here:
7 Does school own property? Circle one ( `N ) If yes, is an <b>integrated pest management</b>	Y/



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	2.	Local food products are purchased.  Please list product names:
SECTION F Subtotal		
Section G: Transportation		
Why is this important? Ground and air transportation are one of the largest contributors of green house gas emissions that affect global climate change.	3.	Fair trade* products are purchased. Please list product names:
<ol> <li> Walking, bicycling and taking the trolley are encouraged through posting of trolley schedules, and maps.</li> </ol>		
<ol> <li>2 (2 points) Does the school have private vehicle(s)? circle one [ Y / N ] If yes, are company vehicles hybrid-electric, biodiesel, E85 (Ethanol), electric or other non-petroleum gasoline or diesel based vehicles?</li> <li>3 Staff carpools are organized.</li> </ol>	approach sustaina as well a productio exports f notably h cotton, w	de is an organized social movement and market-based in to empowering developing producers and promoting bility. The movement advocates the payment of a fair price is social and environmental standards in areas related to the on of a wide variety of goods. It focuses in particular on rom developing countries to developed countries, most handicrafts, coffee, cocoa, sugar, tea, bananas, honey, vine, fresh fruit and flowers. (source: wikipedia.org/wiki/Fair_trade)
4 (BONUS- 5 points) School off-sets CO <sub>2</sub> emissions and is working towards being	4.	Reusable and durable products are purchased. Please list product names:
climate neutral by purchasing carbon credits or green tags from nonprofits that purchase these credits for your school. The offsets you		
purchase from these organizations support reforestation projects or renewable energy (i.e. wind farm) projects for example. (For information about these programs visit Green-	5.	Recycled products are purchased. Please list product names:
e at <u>www.green-e.org</u> .		
Innovative Best Practice (1 point awarded for each practice until further review) If the school has other ways it is achieving the goals of Section G: Transportation, please describe this here:	6.	The school chooses suppliers that provide and take back reusable packaging materials and shipping pallets. If the packaging is not reusable, it should be recyclable and minimized as much as possible
SECTION <b>G</b> Subtotal	7.	The school chooses suppliers that are environmentally and socially responsible (for example a green builder, alternative fuel taxis, organic food supplier, bicycle rentals etc.).
Section H: Purchasing  Why is this important? Responsible purchasing is a powerful vote with your dollars and your school can help	8.	The school practices socially responsible practices by making sure that contractual agreements and hiring practices are not exploitive. School and vendors do not discriminate hand approach as a linear process.
make the world (Gatlinburg) a better place to live, work and visit.		discriminate based on race, sex, religion, or political affiliations.
Organic food products are purchased.  Please list product names:	9.	School's printed materials such as brochures are printed using soy ink and high recycled paper content (at least 30%). Please list recycled content:



wa	CATEGORY: SCHOOLS Innovative Best Practice (1 point awarded for ch practice until further review) If the school has other ays it is achieving the goals of Section H: Purchasing, ease describe this here:	Innovative Best Practice (1 point awarded for each practice until further review) if the school has other ways it is achieving the goals of Section I: Local Community Benefits, please describe this here:
SE	ECTION <b>H</b> Subtotal	SECTION Subtotal
Section	on I: Local Community Benefits	
commu jobs, ec environ is achie	this important? Tourism is what supports unity development in Gatlinburg including providing ducational and professional training opportunities, and mental stewardship. In Part, economic sustainability eved when schools actively contribute to the economic ing of the local communities where they operate.	
1.	The school's staff consists of local people when possible. Please indicate number of staff:	
2.	Local crafts, products, and/or services are purchased for use or display within the school and/or are available for sale to guests. Please list products:	
3.	School is a member of the local organizations such as the Chamber of Commerce, conservation organization, and/or historical society, etc. Please list memberships here:	
4.	School contributes to the community's well-being by supporting and participating in community activities (for example, cash or inkind investments are made to local organizations, events, and projects). Please list these activities here:	
5.	(BONUS- 3 points) The school allows the use of their property or facility for community events.	



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#### Points:

SECTION A subtotal	
SECTION B subtotal	
SECTION C subtotal	
SECTION D subtotal	
SECTION E subtotal	
SECTION F subtotal	
SECTION <b>G</b> subtotal	
SECTION H subtotal	
SECTION subtotal	
TOTAL POINTS	
I certify that the preceding information is comaccurate.	plete and
School Name (please print)	
Name of Contact Person (please print)	
Title of Contact Person (please print)	
Signature	date

WHITE: 0% - 39%

BRONZE: 40% - 69%

**SILVER: 70% - 89%** 

GOLD: 90% - 100%

