

GREYLOCK GLEN

Four Seasons of Outdoor Recreation in Adams, Massachusetts

Environmental Education and Programming Plan

March 2022



Steph Rapisarda, West Mountain Photography ©



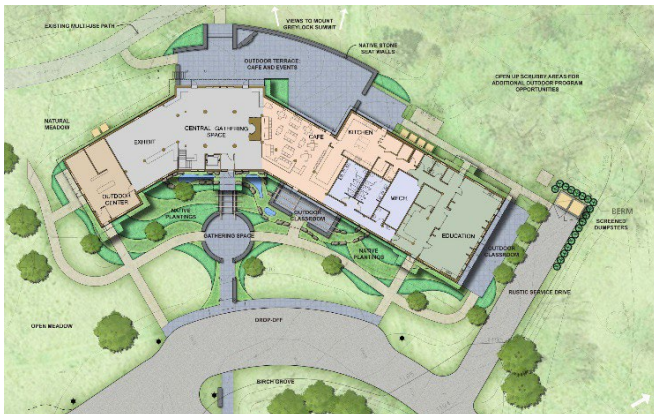
BRPC
Berkshire Regional Planning Commission

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Executive Summary

Set at the foot of Mount Greylock, with views of the War Memorial and sweeping scans of the community of Adams, Greylock Glen holds incredible economic and environmental potential for the community of Adams and greater Berkshire County. To realize its potential, the Town of Adams' Master Plan calls for the site to become home to a four-season recreation and environmental education development: Greylock Glen Resort and Outdoor Center. Once completed, it will feature a 75,000-100,000 square foot conference center, a campground able to accommodate 140 campsites, and a 10,000-squarefoot, net-zero Outdoor Center with classroom and meeting spaces and visitor amenities, including dining and equipment rental. The center is destined to welcome 140,000 visitors a year.



Credit: Maclay Architects, Greylock Glen Outdoor Center floor plan

A central programming feature of the Outdoor Center will be climate change education. Climate change threatens the environmental, economic, and social security and resiliency of the country, the Commonwealth, and Berkshire County.

Locally, its impacts have been well-documented by groups such as the Western MA Climate Change Impact Assessment and resilient MA, which showed that our local habitats are changing, and not for the better. The October 2019 *Rural Policy Plan for the Commonwealth of Massachusetts* lists addressing "the impacts of climate change in rural

Massachusetts by enhancing the capacity of rural lands to provide mitigative solutions," as a core strategy. Already Berkshire County is seeing those impacts in loss of forest habitat, reduction in annual rain and snowfall, and changes in bird migration, among other notable shifts. If not addressed soon – to the extent possible at the local level – much that is special about Greylock Glen could be lost in coming decades.

A key strategy the Commonwealth must use to address climate change is education, and the Greylock Glen Resort and Outdoor Center is ideally poised to play a role in that effort. Greylock Glen can leverage the site's diverse outdoor ecosystems, as well as its anticipated state-of-the-art, eco-friendly indoor facilities, to offer climate change mitigation education that is suitable for people of all ages, abilities, backgrounds, and knowledge levels. The recent awarding of \$6.5M from Governor Charlie Baker to facilitate construction of the Outdoor Center also ensures educational programs will be delivered in a timely fashion, acknowledging the urgency of the climate change threat.



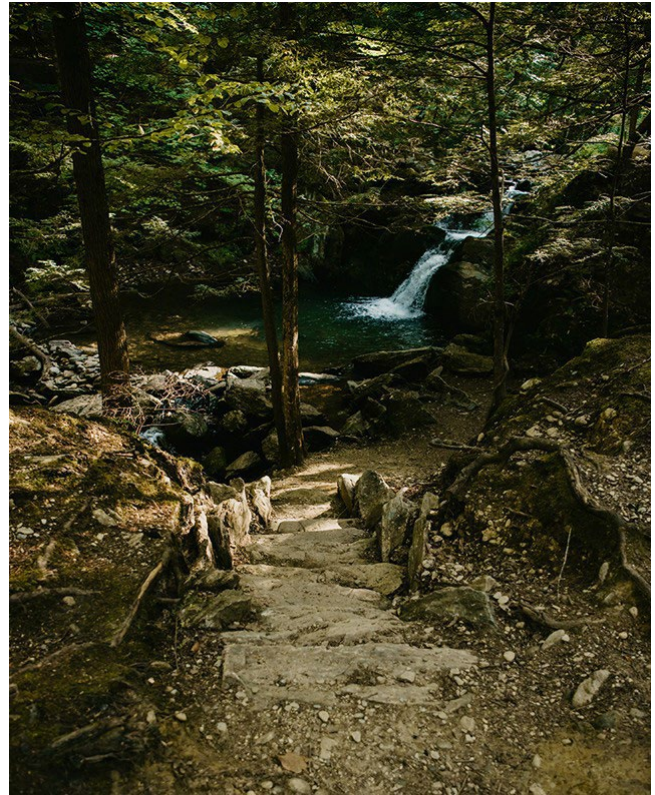
Credit: West Mountain Photography

This Education Plan was developed by leading naturalists and informed by surveys of local educators and tour operators who have deep knowledge about their respective audiences: children, youth, college students, adults, and families. Their input guided both the content and format of curricula while the reality of COVID-19 necessitated that they adapt curricula to allow for flexibility in terms of size (large or small group gatherings) and settings (indoor versus outdoor).

Background: Site Description & Opportunities

Greylock Glen is a special place that has experienced great change over the past century. The Glen offers a variety of natural habitats that can be the basis for a wide range of environmental programming for adults, children, and families together. Moreover, the proximity of the Glen to the numerous cultural and academic institutions throughout western Massachusetts provides outstanding opportunities for educational partnerships and collaborations using Greylock Glen and surrounding natural areas as exemplary outdoor classrooms.

Several popular hiking trails within the Glen connect to trails on the adjacent 12,500-acre Mount Greylock State Reservation, including the nearby Appalachian Trail which winds towards the summit of Mount Greylock and beyond. the historic Thunderbolt Ski Trail on Mount Greylock is accessed through the Glen and attracts skiers from around the country who want to experience a challenging backcountry run, much as it would have been in the days before ski lifts and trail grooming. When winter conditions are favorable, the Glen is also a popular destination for snow-shoeing and cross-country skiing.



Credit: West Mountain Photography

In understanding the present character of the Glen, a look to its past is also helpful. Much of the Glen was cut for timber in the 1800s and extensively farmed until the 1960s. the central portion of the site, the designated "Development Area," includes several ponds which were created as water features within an 18-hole golf course developed in the early 1970s as part of the Elco Resort project. Other remnants of previous projects at the Glen include the foundation of a 350-room hotel (now known locally as the "rebar forest"), base structures for ski lift facilities, snow-making facilities, and storm drainage structures. Traces of human influence can be seen almost everywhere throughout the landscape. Level

areas created for golf course fairways are still evident but are now overgrown with meadow and pioneer species woodland growth.

Consequently, while much of the Glen may appear “natural” given its pastoral meadows and trees, it is in fact very much informed by activities that have taken place in its relatively recent past. Embracing this, Greylock Glen is an especially unique and important setting offering expanded opportunities for exploration and learning.

Location and Opportunity

Greylock Glen encompasses 1,063 acres of land located on the eastern slope of the tallest mountain in Massachusetts, the storied 3,489-foot Mount Greylock. The Glen is blessed with unique habitats and diverse ecological features found nowhere else in the Commonwealth, making it uniquely suited to climate change messaging. The ecology varies from southern New England deciduous forests along the Hoosic River to sub-alpine hemlock/spruce forests at the peak of Mount Greylock. Its open landscapes include meadows, two ponds, a large wetland area, and boardwalks that allow visitors to experience the wetlands at close range. That diverse topography – and accompanying microclimates – offer an opportunity to view the impacts of climate change at different scales available in few other places. That this diversity exists within a compact geography of less than three miles, much of it reachable via the 1.7-mile Glen Meadow Loop Trail accessible to audiences that include young children and the mobility-challenged, makes it an ideal location for year-round educational programs focused squarely on climate change impacts and mitigation.

Examining the breadth of potential recreational pursuits and environmental educational foci that can be enhanced by the Glen’s location and unique physical environment only serves to underscore the opportunities of Greylock Glen. Several broad themes emerge from the Glen as an opportunity site for environmental education. **Greylock Glen’s strengths include:**

Proximity to an active town center and mainstreet (Town of Adams), and near institutions of higher education;

Variety of geography and terrain that ensures interest and activities for different age and ability levels; Diversity of flora and fauna, as well as examples of human impact on the land, all accessible through a walking trail network;

Opportunities to develop educational programming in phases correlating to build out of the site and considering audience preferences and new climate research findings.

Potential Educational Opportunities Provided by the Site

- Air quality monitoring
- Art, photography, drawing, painting
- Birdwatching and identification
- Carbon sequestration measurement
- Citizen science data collection
- Climate change monitoring
- Descriptive writing
- Diversity calculations and comparisons
- Geology
- Ecological restoration of woodland and field
- Ecological succession
- Edible foraging
- Food web analysis
- Forest bathing
- Forest management and history
- Forest impacts from climate change: measurement and surveys
- Forest products
- Invasive species impact and control
- Habitat surveys and classification
- Land use history; changing landscape overtime
- Life-cycle investigations
- Mapping
- Energy cycling
- Navigation skills
- Nutrient cycling
- Observations using sensing
- Phenology

Plant identification and classification
 Soil analysis
 Star gazing
 Overnight camping experiences
 Team building
 Tree identification
 Water cycle
 Water quality analysis
 Weather and climate measurements
 Wildlife identification and classification

Ways of connecting audiences to the Glen environment appear almost limitless, but these connections should fall within certain overarching objectives:

- Provide a range of educational opportunities for students within a diverse and accessible site;
- Maximize opportunities to provide hands-on climate change learning with a particular focus on impacts to increasingly threatened forest resources;
- Involve diverse learners of all ages in the history, character, and management of the Glen environs;
- Manage the site to maximize learning opportunities; and
- Cultivate a strong sense of stewardship and awareness of Nature through experiential learning at the Glen.

Greylock Glen Resort

Greylock Glen Resort holds incredible potential for the community of Adams and greater Berkshire County. To realize this potential, the Master Plan calls for the creation of a four-season recreation and environmental education development destined to welcome over 140,000 visitors each year. The Town of Adams was designated by the Commonwealth as the master developer of the Greylock Glen Resort, proposed on a small portion of the state-owned property. The \$50M resort project will bring together local, state, and private interests to spur economic

development and increased tourism for Adams and the northern Berkshires. The proposed project includes construction of a welcome and education facility (the “Outdoor Center”), camping, lodging and conference facilities, a performing arts amphitheater, and a multi-use trail system with a Nordic ski center.

Outdoor Center

Now underway, the Outdoor Center at Greylock Glen is designed as a multi-purpose facility and will operate within a 9,200 square foot building designed to be a showcase of sustainability. The facility will serve as a welcome and education center, with meeting space, classrooms, and exhibit areas. The Center will serve as a visitors’ base camp for excursions within the Glen and to the Mount Greylock State Reservation. Maps, supplies, food, and drink items will be available to provide essential visitor services. Here, visitors will be able to orient themselves to self-guided hikes throughout the Glen and to the Mount Greylock Summit, and to nature walks and interpretive trails that begin a few steps from the facility. A comfortable great room will offer a place to retreat from the elements or to re-charge after a day exploring the wilderness.

A central programming feature of the Outdoor Center will be climate change education. Climate change is an issue that deeply affects Berkshire County, as seen in changes in bird migration, loss of forest habitat, increasing intensities of storm events, and reduction in annual snow fall. The climate change programming envisioned for Greylock Glen aims to increase public awareness about this issue by capitalizing on the site’s four-season diversity and opportunities for both on- and off-site offerings.

Greylock Glen is also a site where younger learners – our future climate protectors – could potentially be immersed in a learning environment akin to the forest schools prevalent in Europe. Begun in Denmark in the 1950s, forest schools have made their way across the U.K., into Canada, and are now gaining popularity in the United States.

Emerging research about these schools, which use the outdoors and forests as settings for children to explore, play, and learn, suggest that they facilitate social, cognitive, emotional, and physical skill development in early childhood more effectively than traditional classrooms.

Surveys

To ensure Greylock Glen becomes an exceptional environmental education facility and to maximize its appeal to varied audiences, feedback was obtained from two key audiences: teachers (preschool to college) and tourist industry professionals serving adults and families. In addition, input was solicited to determine how to best reach each of these groups with climate-change messaging. Questions were distributed to these two audiences in the form of an electronic survey over the course of two weeks.

A summary of the results of the surveys administered to each of these audiences is described below. The full survey questions and responses are found in Appendix A of this document.

Survey 1: Educators

Thirty respondents participated in our teacher survey, the majority elementary school teachers (48%), and college professors (31%). Twenty-nine had been to Greylock Glen, while 19 who answered a follow-up about the reason for their visit confirmed it was for recreational purposes only.

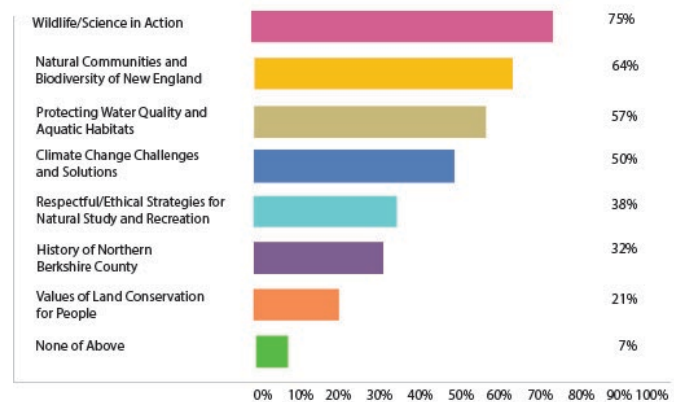
Respondents stated they were interested in coming to Greylock Glen with their students, too. Among the Top 5 curricula goals they would want to achieve with a visit to Greylock Glen, in order of importance, were:

- Wildlife/Science in Action
- Natural Communities and Biodiversity of New England
- Protecting Water Quality and Aquatic Habitats
- Climate Change Challenges and Solutions
- Respectful/Ethical Strategies for Nature Study and Recreation

Educators were most interested in engaging students through self-guided and guided experiences (40%), followed by programs and interactions led by on-site education staff (28%), and teacher-led experiences/lesson plans (20%). By a wide margin (81%) the format in which teachers wanted content delivered was two-hour natural history programs (e.g., hike/bird walk). Among the most frequently cited alternative

locations where educators travelled with students for environmental education were Hopkins Forest, MCLA Forest, Sheep Hill, and the Hoosic River. Educators were interested but unsure about collaborating with Greylock Glen on programming, with nearly 67% saying they needed more information. Among college professors, using Greylock Glen for internships, research, and on-site lab work had strong appeal.

The draft Education Plan for Greylock Glen calls for a wide range of environmental and historical topics to be addressed through programming and exhibits. Which of these topics most closely reflects your curriculum goals? (please check all that apply):



Survey II: Tour Operators

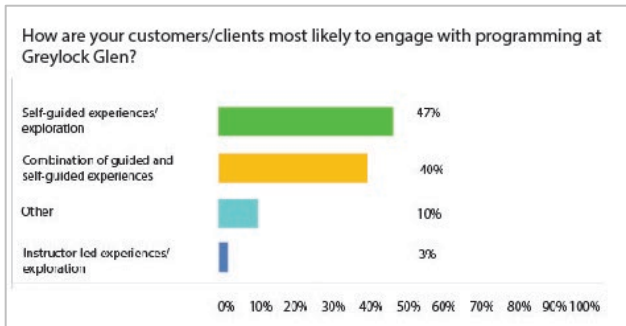
Those working in the tourist sector arranging and leading trips for adults, families, and groups are another key audience for Greylock Glen. Forty-four tourism industry representatives responded to a 12-item survey. Ninety-two percent had been to Greylock Glen before; 84% for recreation purposes only.

Respondents were presented with a list of outdoor activities and asked to rate each in terms of the degree (low, moderate, or high) to which they felt the activity would support tourism in Berkshire County. Respondents felt the Top 5 activities with the greatest potential to support tourism were:

How would you rate the following in terms of potential to support the tourism economy in northern Berkshire County?			
	low	moderate	high
High intensity adult programs (mountain biking, guided hikes, etc.)	16%	19%	44%
Family programs (guided trail explorations, wildlife lessons)	12%	33%	36%
Summer and school vacation week day camps for kids	22%	31%	34%
Low intensity adult programs (passive wildlife watching, bird walks, etc.)	15%	38%	32%
Community programs (outreach and onsite programs focused on the local community)	19%	35%	32%
Overnight programs utilizing the future Greylock Glen campground	19%	47%	22%
School programs (classroom outreach and field trips to Greylock Glen)	23%	39%	29%
Overnight programs utilizing the future Greylock Glen lodge	25%	38%	22%
Private (custom) programs for adults or families	16%	35%	23%

- High-intensity adult programs (44%)
- Family programs (guided trail explorations, wildlife lessons) (36%)
- Summer and school vacation weekday camps for kids (34%)
- Low-intensity adult programs (passive wildlife watching, bird walks, etc.) (32%)
- Community programs (outreach and on-site programs focused on the local community)(32%)

Respondents felt clients were most likely to engage with Greylock Glen via self-guided experiences/ exploration (47%) or a combination of self-guided and guided experience (40%). Like educators, tour operators rated two-hour natural history programs (e.g., hike/bird walk) and one-hour programs as likely to be most popular.



Finally, operators were asked a series of open-ended questions to gather feedback about educational and recreational programming and collaboration. Like teachers, tourist operators were interested but cautious about partnering with Greylock Glen on programming design, stating they needed more information (56%). Other topics they felt clients would be interested in included history, birding, wildlife, nature, and natural resources; climate change was identified by one respondent. Additional recreational activities respondents cited as being important to maintain at the Glen included paragliding, hang-gliding, mountain-biking, and hiking.

Survey Summary

Through educators' and tourist professionals' survey responses, it has become clear that programming at Greylock Glen will need to speak to each audience's association with the site as a place to come for recreation first before education to have the most resonance and impact. This means climate change programming will need to be brief to start (i.e., one- to two-hour guided or self-guided walks) and have an active component to keep audiences connected and engaged.

Programs that involve walking, wildlife, and perhaps a challenge element are likely to be most compelling with passive and sit/watch offerings appropriate in a secondary manner or for those who are mobility-challenged. Importantly, climate change messaging will also need to be tailored to each audience's area of interest to ensure it feels meaningful to them personally, whether showing how activities now done at Greylock Glen could be threatened or pointing out how wildlife they now enjoy are being displaced. In closing, climate change education at Greylock Glen will have to *engage* rather than *lecture* to ensure that the learning lesson about each of our respective roles in mitigating further climate change impacts is not only heard but acted on outside the Glen's environment.

Audiences

The following brief narrative summaries identify the key audiences that environmental educational program offered at Greylock Glen will need to reach to provide robust educational programming. The summaries also identify the infrastructure and personnel needs each audience requires.

Adults: Locals and Visitors

Adult programming at Greylock Glen can be offered at many levels. The simplest programs can be natural history programs in a walk/hike conducted along Greylock Glen's central 1.7-mile accessible walking loop or in a sit/watch format in or around an established facility. These programs are typically one- to three-hours long. Ranging from bird walks to hawk watches, these programs will require a meeting location, pre-registration, and comfort station.

Scheduled programming open to the public often has an associated cost per participant reflecting instructor expenses, provided materials, or equipment rental. Many programs in this category offer environmental education at an introductory level such as "Birding for Beginners." Forest walks and "forest bathing" can offer a unique introduction to the Glen's forest areas beyond more traditional science and nature programming. Introductory programs and unique offerings can bring in new visitors and attract people from different demographic categories who may lack previous experience.

As adult programming expands, so too do requirements for infrastructure and equipment. More advanced adult programming could include longer workshops and field trips, which will be more in-depth skill-building programs.

Transportation, indoor lab space, presentation space, and additional equipment become necessary with greater program length, topic, and depth. With the current level of visitation to Greylock Glen, there is a clear audience for outdoor activity, but no single voice to promote it.

Minimal designated parking and vague meeting locations also create a barrier to comfort and accessibility that prevents programming from reaching a wider audience. In contrast, the Outdoor Center once operational will provide a level of comfort that helps break down barriers to participation for audiences new to outdoor activities and it will provide the ability to significantly enhance programming by offering exhibits, spaces for indoor presentations/slideshows, dining facilities, and shelter from inclement weather.

A later phase of the Greylock Glen Resort Master Plan includes overnight lodging, conference and dining facilities, hospitality staff, and leisure amenities. Plans also include a 2,500-seat performing arts amphitheater near the Outdoor Center building. These elements will create an entirely new realm for Greylock Glen programming, including potential for in-depth multi-day environmental education events that draw audience from a wider geographic area. This type of program is often high in revenue, intensive in time and topic, and an exciting attraction for visitors.

The Matrix for Adult Educational Programming is included in the final section of this report.

Families

Connecting families with nature creates a legacy of appreciating and caring for the environment that will last generations. Greylock Glen offers trails and other recreational features suitable for all ages. Many of these programs can take place as scheduled events open to the public that are gentle, introductory, and casual. Other programs can dive deeper into advanced topics and skills, such as introduction to snowshoeing or cross-country skiing.

The lack of a comfort station, meeting space, or shelter from weather is often a barrier for families, whose members span two or three generations and have varying physical needs. Programs without these infrastructure features need to be shorter in duration and distance to allow for ease and comfort for families until the Outdoor Center is completed.

The Matrix for Family Educational Programming is included in the final section of this report.



Credit: Laura Brennan

Private/Custom/Tour Operators/Hotels

Customized programming is a great way for individuals, families, and groups to receive a personalized outdoor learning experience. Such programs also recognize participants' preferred learning styles and can be tailored in kind.

Customized programming allows an educator to delve into subjects a group identifies as important and removes barriers of timing, social comfortability, and physical skill. Most custom programming is hosted outdoors and requires equipment not all participants have, such as binoculars, spotting scopes, crampons, etc.

When the Greylock Glen Outdoor Center is operational and able to provide and store supplies, educators will find it easier to provide a full

experience. After some anticipated experimentation, environmental educators using the Outdoor Center will discover what programming is not only more popular but easier to implement.

The Matrix for Private/Custom Educational Programming is included in the final section of this report.

Community

Community programming is an important gateway to reach larger audiences, from programs at local libraries and community centers to special events that celebrate the beauty of nature in Berkshire County. Both outreach and special events gather community members who may not be typical users of Greylock Glen or environmental education programs in general. This category has something for everyone and builds a sense of community around Greylock Glen and the Town of Adams.

Volunteer days are another opportunity to accomplish property goals as well as build involvement and loyalty with users. Volunteers are often the heart of successful nature centers and preserves. They not only physically aid the property but create a culture of caring visitors while on site.

Special events are sometimes the only time during which people interact with nature. A good example near Greylock Glen is the annual *Ramblefest* in the town center and the Mount Greylock Ramble during Indigenous Americans Day (Columbus Day) weekend, which involves a hike to the summit along the Cheshire Harbor Trail.

These events can occur without much infrastructure because they take place outdoors. The presence of designated parking, staff to greet and orient visitors, and comfortable facilities, however, make special events inviting, exciting, and memorable. Clustering events and building off one another helps attract a larger audience, creates economies of scale, and can minimize volunteer efforts/labor.

Events are also opportunities to bring in businesses and the greater community to show

strength of support for the environment and the resources that people enjoy there.

The Matrix for Community Educational Programming is included in the final section of this report.



Credit: Heather Linscott

Schools

Many schools in Berkshire County and the surrounding area could benefit from Greylock Glen's environmental education programs. A portion of instruction could occur in a participating school rather than at the Outdoor Center. Hoosac Valley is the closest elementary school and an example of one that has expressed interest in environmental education curricula.

School programs could include in-school lessons and extended education via on-site learning (e.g., forest schools). Programs for families of local school children, including those who home school, offer another opportunity to broaden environmental education outreach.

More advanced communication, equipment, and printed materials are frequently needed when teaching students and must be considered when planning programs.

Reaching populations that may have limited resources is an important way in which Greylock Glen can give back to local students.

Programming for this population can often be funded by state grants and local foundations.

The Matrix for School and Day Camp Programming is included in the final section of this report.

Day and Overnight Youth Camps

Camps create experiences that last a lifetime and build skills for youth that extend far beyond environmental knowledge. The proximity of Greylock Glen to other tourist venues in the Berkshires and the amenities at the proposed Outdoor Center will provide a suitable and viable setting for the operation of youth camps.

Day and overnight camp visits can occur on a weekly basis during the summer, while day camp trips can be offered at various times, including during school vacations. One benefit of day camps is that they can be run in any season, including winter, allowing campers to learn about how ecology and chemistry changes along with the surrounding climate.



Credit: Town of Adams

There are, however, specific requirements for camps to safely support youth attendees. For example, a camp cannot operate without a structure where campers can shelter during an emergency. Additional staff training, health

department inspections, and accreditations are also typical requirements for youth camps. To accommodate campers, the Outdoor Center will need to provide emergency shelter, a comfort station, first-aid equipment, communication tools, and many other resources. The Outdoor Center can also direct visitors away from campers to ensure a safe experience. A summer day camp hosted at Greylock Glen will depend on completion of this facility. The Matrix for School and Camp Programming is included in the final section of this report.

Plan Overview & Format

Informed by survey responses and the experience of dedicated naturalists, the Education Plan at Greylock Glen proposes to advance climate change-focused educational programming through engaging activities adapted to learners' respective interests and knowledge. At a broad level that means offering the following:

Proposed Educational Activities

Facilitated as well as self-guided learning experiences guided by hands-on educators who use multiple learning modalities (sight, sound, touch, taste) to deliver a sustainability message aligned with the Outdoor Center's net-zero design;

Formal and informal environmental education and sustainable design experiences, to include hands-on exhibits, artifacts, and print and online collateral accessible to all ages and abilities and designed, when appropriate, to involve learners in active rather than passive ways.

Active and passive educational content informed by the results and findings of regional, sub-regional, and local environmental projects conducted in MTWP communities as well as the findings and recommendations from the *MTWP Carbon Sequestration Feasibility Study* and *ArcGIS Story Maps* developed by Franklin Regional Council of Governments and Berkshire Regional Planning Commission, and related case studies.

At the heart of the Education Plan are a series of matrices showcasing programs that can be offered at or in conjunction with the Greylock Glen Outdoor Center. Each focus on an identified audience with proposed programs defined by implementation timeframe and climate change messaging efficacy (low, medium, or high). The matrices address the criteria that follows.

Educational Criteria

Conservation Messaging Potential: Naturalist-defined rating (low, medium, or high) regarding the program's potential to effectively convey conservation information.

Timeline: Assessment of implementation defined as short- (1 year), mid- (2-3 years), or long- (3-5 years) term. Includes both ease of start-up (i.e., if permitting or certification is required) and facility buildout.

Program Type: General program category, includes hikes, nature walks, canoe trips, special events, nature day camps, and school field trips. Program type can be limited to one audience or include multiple.

Description: Brief description and/or example(s) of similar programs.

Climate Change Focus: Brief statement regarding how climate change messaging will be incorporated in the program.

Venues/Season: Describes whether the program is conducted in-person or virtually, indoors, or outdoors, at Greylock Glen or another location, and seasons in which it can be offered.

Format: Addresses length, structure, and staffing needs.

Attendance: Estimated/projected capacity and attendance. Assumes attendance likely increases incrementally once there are destination facilities such as an education center, campground, or hotel.

Estimated Costs: Estimated cost to provide the program or event, including staff hours for promotion, preparation, travel, and program delivery.

Participant Fee: Estimated/suggested price per person.

Programming Matrices

The programming matrices that follow detail the specific activities envisioned for each of the Audience groups identified previously, their climate-change goals, associated costs, and income they are likely to generate for Greylock Glen.

Audience: Adults - Locals & Visitors

Program Type	Description	Climate Change Focus	Venue/Season	Format	Expected Attendance	Estimated Costs	Estimated Fee
Conservation Message Potential: High							
Timeline: Short-Term							
Sponsored Bird Walk	Free Bird Walks at the Mount	Impact of Climate Change on Birds	In-Person, at Glen Spring- Fall	1.5-2 Hrs., Outdoors, 1+ Staff	10-15 Participants with 1 Leader	\$150/Leader/1.5 Hr. Event; \$50/Hr. for Additional Hours	Free with Underwriting/ Sponsorship
Un-sponsored Bird Walk	Like Above, but Fee Based	Impact of Climate Change on Birds	In-Person, at Glen Spring- Fall	1.5-2 Hrs., Outdoors, 1+ Staff	10-15 Participants with 1 Leader	\$150/Leader/1.5 Hr. Event; \$50/Hr. for Additional Hrs.	\$10-15/Person without Sponsorship
Guided Public Hike	Various Trails at Greylock Glen (Greylock Summit Would Be Longer)	Impact of Climate Change and the Landscape	In-Person, at Glen, Spring- Fall, Maybe Winter	2-3+ Hrs., Outdoors, 1+ Staff	10-15 Participants with 1 Leader	\$100/1.5 Hr. Event; \$50/Hr. for Additional Hrs.	\$15-25/Person without Sponsorship
Nature Study Programs	Tracking, Trees, Mushrooms, etc.	Impact of Climate Change on Topic	In-Person, at Glen, Spring- Fall, Maybe Winter	1.5-2 Hrs., Outdoors, 1+ Staff	10-15 Participants with 1 Leader	\$150/Leader/1.5 Hr. Event; \$50/Hr. for Additional Hrs.	\$15-20/Person without Sponsorship
Canoe Trip	Day Evening Canoe Trips on Lake and Rivers	Impact of Climate Change on Water Quality and Availability and Aquatic Ecosystems	In-Person, Near Glen, Primarily Summer	2-2.5 Hrs., Public Boat Launch, 1 Staff, 6 Boats Total	Max 10 at Present	\$150/Leader/1.5 Hr. Event	\$40/Person
Stationary Day or Evening Programs	Hawk Watch, New Moon Night Watch, Stargazing	How Climate Change Will Alter the Experience	In-Person, at Glen, Spring- Fall	1-2 Hrs.; Passive, Sitting, Chairs, Introductory, 1+ Staff	10-45 Participants with 1-3 Leaders	\$150/Leader/1.5 Hr. Event	\$10-15/Person or Donation Based on Free with Sponsorship
Gentle Evening Programs	Beaver or Firefly Watch	Gentle Discussion of Climate Change on the Topic	In-Person, at Glen, Late Spring- Early Fall	1.5 Hrs.; Short Intro with A Walk, 1+ Staff	10-15 Participants with 1 Leader	\$150/Leader/1.5 Hr. Event	\$8-10/Person
Adult Field Trip or Excursion	Longer Excursions and Field Trips to Other Sites	Impact of Climate Change on the Larger Landscape	In-Person, Various Location, Summer-Fall	3-4-Hour Trip with Travel and Carpooling, 1+ Staff	10-15 Participants with 1 Leader	\$150/Leader/1.5 Hr. Event	\$20-30/Person

Timeline: Mid-Term							
Program with Food or Refreshments	Birding By Ear Brunch	Impact of Climate Change on Food Availability and the Topic	In-Person, at Glen, Primarily Summer	1/2-1 Hr. Lecture with Food, 1 Hour Walk, 1+ Staff	10-15 Participants with 1 Leader	\$150/Leader/1.5 Hr. Event	\$25-30/Person Depending Upon Food
Timeline: Long-Term							
1-Day Intensive	Ecosystems of Mount Greylock	Deeper Dive into Climate Change and the Topic	All Seasons	8 Hrs., 2 Staff, Breakfast, Lunch, Dinner, Lodging	10-20	\$500 Per Staff, Food, and Equipment	TBD
3-Day Intensive	Birding the Berkshires	Deeper Dive into Climate Change and the Topic	Spring and Fall	3, 8-Hr. Days, Two Staff Each Day, Breakfast Lunch, Dinner, Lodging	10-50	\$500 Per Staff, Per Day, Food, and Equipment	TBD
5-Day Intensive	Field Naturalist Intensive	Deeper Dive into Climate Change and the Topic	Spring, Summer, Fall	5, 8-Hr. Days, Two Staff, Breakfast, Lunch, Dinner, Lodging	10-50	\$500 Per Staff, Per Day, Food, and Equipment	TBD

Audience: Families

Program Type	Description	Climate Change Focus	Venue/Season	Format	Expected Attendance	Estimated Costs	Estimated Fee
Conservation Message Potential: High							
Timeline: Short-Term							
Guided Family Hike	Glen Loop Trail or Other Routes at Greylock Glen	Impacts of Climate Change and the Landscape	In-Person, Outdoors, Primarily Summer, Maybe Spring/Fall/Winter	1-2 Hr. Hikes on Various Glen Trails, 1+ Staff	10-15 Participants with 1 Leader	\$150/Leader/1.5 Hr. Event; \$50/Hr. for Additional Hrs.	\$15/Person without Sponsorship
Guided Family Nature Exploration	Hop, Skip, or Swim: Amphibian and Reptile Adventure	Impact of Climate Change on Topic	In-Person, Outdoors, Primarily Summer, Maybe Spring/Fall	1.5 Hrs., 1+ Staff	10-15 Participants with 1 Leader	\$150/Leader/1.5 Hr. Event; \$50/Hr. for Additional Hrs.	\$15/Person without Sponsorship
Family Nature Lesson	Amphibians, Tracking, Trees, Mushrooms, Etc. with More Educational Content	Impact of Climate Change on Topic	In-Person, Outdoors, Primarily Summer, Maybe Spring/Fall/Winter	1.5-2 Hrs., 1+ Staff	10-15 Participants with 1 Leader	\$150/Leader/1.5 Hr. Event; \$50/Hr. for Additional Hrs.	\$15/Person without Sponsorship
Canoe Trips	Various Locations, Cheshire Lake Likely	Impact of Climate Change on Water Quality and Availability as Well as Aquatic Ecosystems	In-Person, Outdoors, Primarily Summer	2.5 Hrs., Public Boat Launch, 1 Staff 6 Boats	Max 10 at Present	\$250/Leader/2.5 Hr. Event	\$40/Person
Passive Day or Evening Programs	Hawk Watch, New Moon Night Watch, Stargazing,	How Climate Change Will Alter the Experience	In-Person, Outdoors, Primarily Summer, Maybe Spring/Fall	1-2 Hrs.; Passive, Sitting, Chairs, Introductory, 1+ Staff	10-45 Participants with 1-3 Leaders	\$150/Leader/1.5 Hr. Event	\$8-10/Person or Free with Sponsorship
Gentle Evening Programs	Beaver or Firefly Watch	Gentle Discussion of Climate Change on the Topic	In-Person, Outdoors, Primarily Summer, Maybe Spring/Fall	1.5 Hrs.; Short Intro with A Walk; 1+ Staff	10-15 Participants with 1 leader	\$150/Leader/1.5 Hr. Event	\$8-10/Person without Sponsorship
Conservation Message Potential: Medium							
Timeline: Mid-Term							
Special Events	Family Fun Day, Nature Bioblitz	Impact of Climate Change on the Community	In-Person, Outdoors, Primarily Summer, Maybe Spring/Fall	Half- or Full-Day, Multiple Staff	100+ with 4 Leaders	\$150/Leader/1.5 Hr. Event	Ideally Free with Sponsorship

Audience: Community

Program Type	Description	Climate Change Focus	Venue/Season	Format	Expected Attendance	Estimated Costs	Estimated Fee
Conservation Message Potential: Medium							
Timeline: Short-Term (1-year)							
Presentation or Lectures Community	LCC Funded, Cultural Partner Funded, Virtual or In-Person, Included Travel Time If in Person	Each Presentation Incorporates Information on Climate Change	Virtual, Year-Round	1-1.5 Hr. Program	30-50 Participants with 1-2 Staff	\$150/Staff/Presentation (Includes Promotion, Prep, Travel, Materials)	Ideally Free with Sponsorship
Timeline: Mid-Term (2 to 3 years)							
Conservation Message Potential: High							
Volunteer Days at Glen	Trail Work, Clean-Ups, etc.; 1-3 Per Year	Discussion on Impact of Volunteers for Climate Resiliency	In-Person, at Glen, Spring-Fall	3-4 Hr. Event	25-50	Staffing & Refreshments	Free with Sponsorship
Conservation Message Potential: Medium							
Special Events at Glen	Family Fun Day, Wild Thing 5K Run/Walk, Bird-A-Thon, Big Sit Birding Day, Bioblitz, etc.	Impact of Climate Change on the Community	In-Person, at Glen, Spring-Fall	Half- or Full-Day Event	100+ (Once Restrictions Are Lifted)	\$300 Per Hr. with 4 Staff for A Class of 20 Students (Includes Promotion, Prep, Travel, Materials)	Ideally Free with Sponsorship

Audience: Private / Custom / Tour Operators / Hotels

Program Type	Description	Climate Change Focus	Venue/Season	Format	Expected Attendance	Estimated Costs	Estimated Fee
Conservation Message Potential: Medium							
Timeline: Short-Term							
Private Bird Walk	Private Adult or Family Birding at the Greylock Glen	Impact of Climate Change on Birds	In-Person, Outdoors, Spring-Fall	1.5-2 Hrs., 1+ Staff	10 at Present; Could Go to 20 Max. with 2 Leaders	\$150/Leader/1.5 Hr. Event	Varies with Number of Participants; Fee Divided by Participants + Incremental for Extra Numbers
Private Hike	Private Adult or Family Hike/Nature Walk at the Greylock Glen	Impacts of Climate Change and The Landscape	In-Person, Outdoors, Spring-Fall	1.5-3 Hrs., 1+ Staff	10 at Present; Could Go to 20 Max. with 2 Leaders	\$150/Leader/1.5 Hr. Event	Varies with Number of Participants; Fee Divided by Participants;
Private Canoe Trip	Private Adult or Family Canoe Trip at a nearby location such as Cheshire Lake	Impact of Climate Change on Water Quality and Availability and Aquatic Ecosystems	In-Person, Outdoors, Spring-Fall	1.5-3 Hrs., 1+ Staff	10 at Present with 1 Leader	\$200-450/Event/Leader/1.5-3 Hr. Range	Varies with Number of Participants; Fee Divided by Participants;
Private Excursion or Field Trip	Private Adult or Family Excursion to Locations Such as Greylock Summit Trails, etc.	Deeper Discussion with Fewer Individuals About Climate Change	In-Person, Outdoors, Spring-Fall	3-4-Hr. Trip with Travel and Carpooling, 1+ Staff	10 at Present; Could Go to 20 Max. with 2 Leaders	\$300+ /Event/Leader	Varies with Number of Participants; Fee Divided by Participants;
Conservation Message Potential: Medium to High							
Timeline: Mid-Term (2-3 years)							
Health or Art Cultural Partner at Glen	Private Programs for Cultural and Hospitality Partners (e.g., Kripalu, Miraval Porches)	How Climate Change Impacts Human Health and the Human Health Benefits of Nature	Variable, Spring-Fall	Variable	10-40 Participants; One Leader Per 10-15 Participants	\$100/Hr./Leader/ Program (Includes Prep and Materials)	Varies with Number of Participants; Fee Divided by Participants

Audience: Schools / Camps

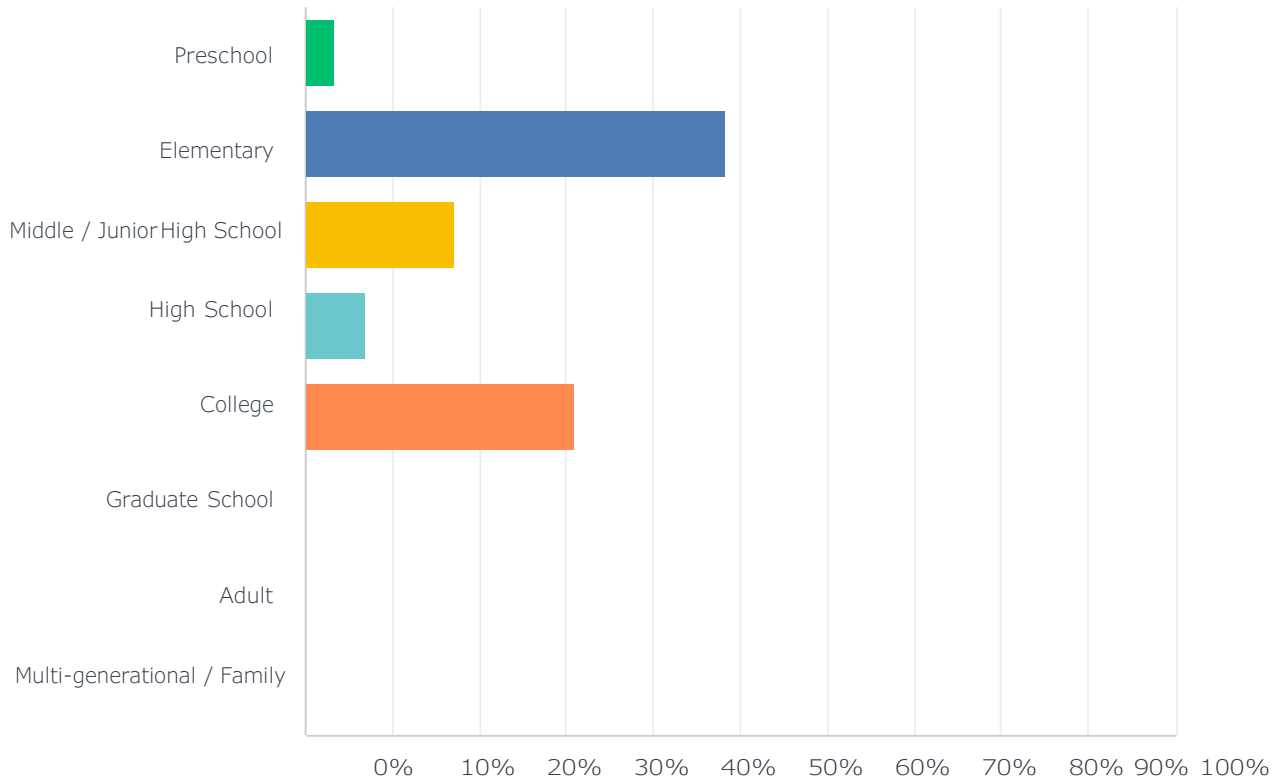
Program Type	Description	Climate Change Focus	Venue/Season	Format	Expected Attendance	Estimated Costs	Estimated Fee
Conservation Message Potential: High							
Timeline: Short-Term							
School Field Trips	Water & Wildlife, Water Keepers & Caretakers, Pond, Forest, or Meadow Ecology	Impact of Climate Change to the Location of Field Trip	In-Person, Outdoors, Primarily During School Year	1.5 - 4 Hrs. Field Trips to the Glen. Involve 3-5 Instructors for Small Groups. Designed for the Group.	30-60 Students with 2-4 Teachers; 2 Staff Required Per 20 Students	\$100-150 Per Hour with 2 Staff for A Class of 20 Students (Includes Prep, Travel, Materials)	\$5-7.5/Student/Hr.; Ideally Subsidized by Grants
In-School Lessons/Programs	Watershed Education Program, Berkshire Environmental Literacy Program	Impact of Climate Change on the Topic	In-Person, Indoors and Outdoors During School Year	45-60 Minutes; In Local Classrooms. Involves 1 Instructor	15-20 Students and 1 Teacher and 1 or More Paraprofessional	\$75-100 Per Hr. with 1 Staff for A Class of 15-20 Students (Includes Prep, Travel, Materials)	N/A; Ideally Subsidized by Grants
Evening/Weekend Programs for School Families	Moonlight Owl & Wildlife Prowl, New Moon Night Watch, Evening at the Beaver Ponds	Impact of Climate Change on the Topic	In-Person, Outdoors, Primarily During School Year	1-2 Hrs.; Family Events at Glen. Involve 2+ Instructors for Depending Upon Group Size	20-40 Students and Parents with 2-4 Teachers; 2 Staff Required Per 20 Students	\$100-150 Per Hr. with 2 Staff for A Class of 20 Students (Includes Prep, Travel, Materials)	\$5-7.5/Participant/Hr.; Ideally Subsidized b Grant
Conservation Message Potential: Moderately High							
Timeline: Long-Term							
Summer Day Camp	Nature-Themed Day Camp with Multiple Age Groups	Impact of Climate Change on Community, Landscape, and Ecosystems	In-Person, Outdoors, Summer	Half- or Full-Day; Week-Long Camp Sessions; Staffing Based on Number of Groups, Roughly 2 Staff Per 10-12 Kids	30-60 Campers in Groups of 10-12 with 2 Counselors	Approximately \$1450/Wk./Group with 2 Counselors	\$300-350/Week/Camper without Subsidy
Vacation Weeks Day Camp	Nature-Themed Day Camp with One or More Age Group	Impact of Climate Change on Community, Landscape, and Ecosystems	In-Person, Outdoors, Winter/Spring School Vacation Weeks	Half- or Full-Day; Daily or Weeklong Camp Sessions; Staffing Based on Number of Groups, Roughly 2 Staff Per 10-12 Kids	10-20 Campers in Groups of 10-12 with 2 Counselors	Approximately \$1450/Wk./Group with 2 Counselors	\$250-300/Week/Camper without Subsidy

Appendix A

Educator Survey Results

Q2 Please indicate the age range or grade level of your students (check all that apply):

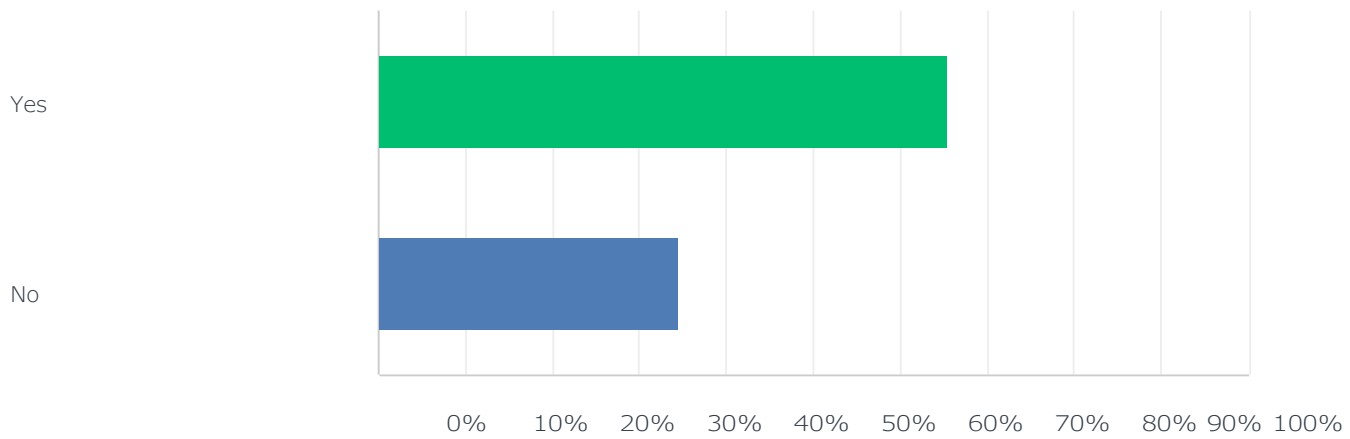
Answered: 29 Skipped: 0



ANSWER CHOICES	RESPONSES	
Preschool	3.45%	1
Elementary	48.28%	14
Middle/Junior High School	17.24%	5
High School	6.90%	2
College	31.03%	9
Graduate School	0.00%	0
Adult	0.00%	0
Multi-generational/Family	0.00%	0
Total Respondents: 29		

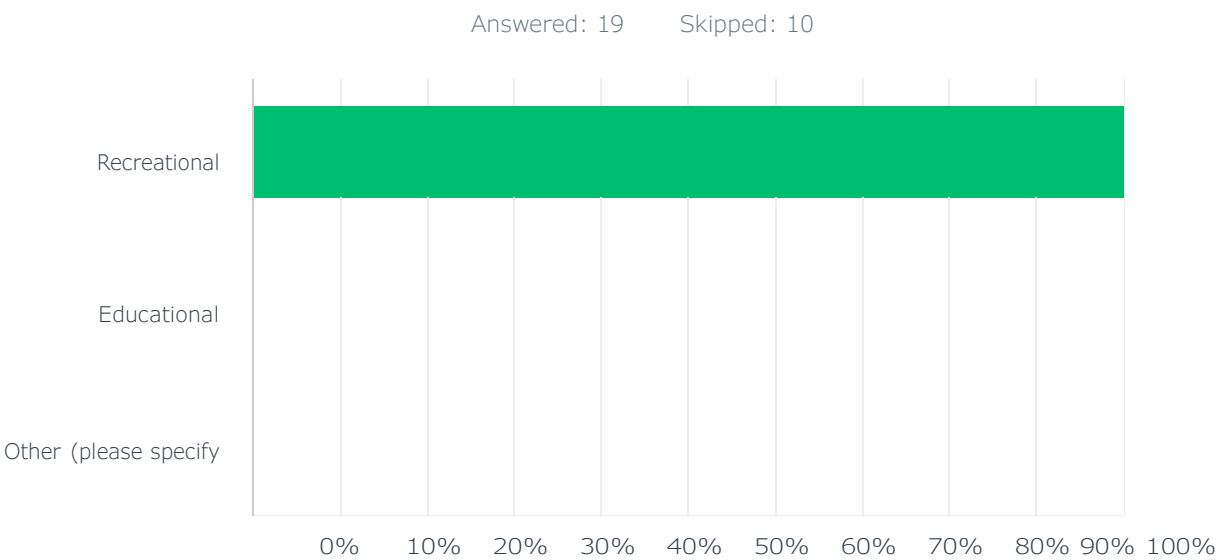
Q3 Have you visited and explored Greylock Glen in Adams, MA?

Answered: 29 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	65.52%	19
No	34.48%	10
TOTAL		29

Q4 If yes, what was the primary purpose of your visit?

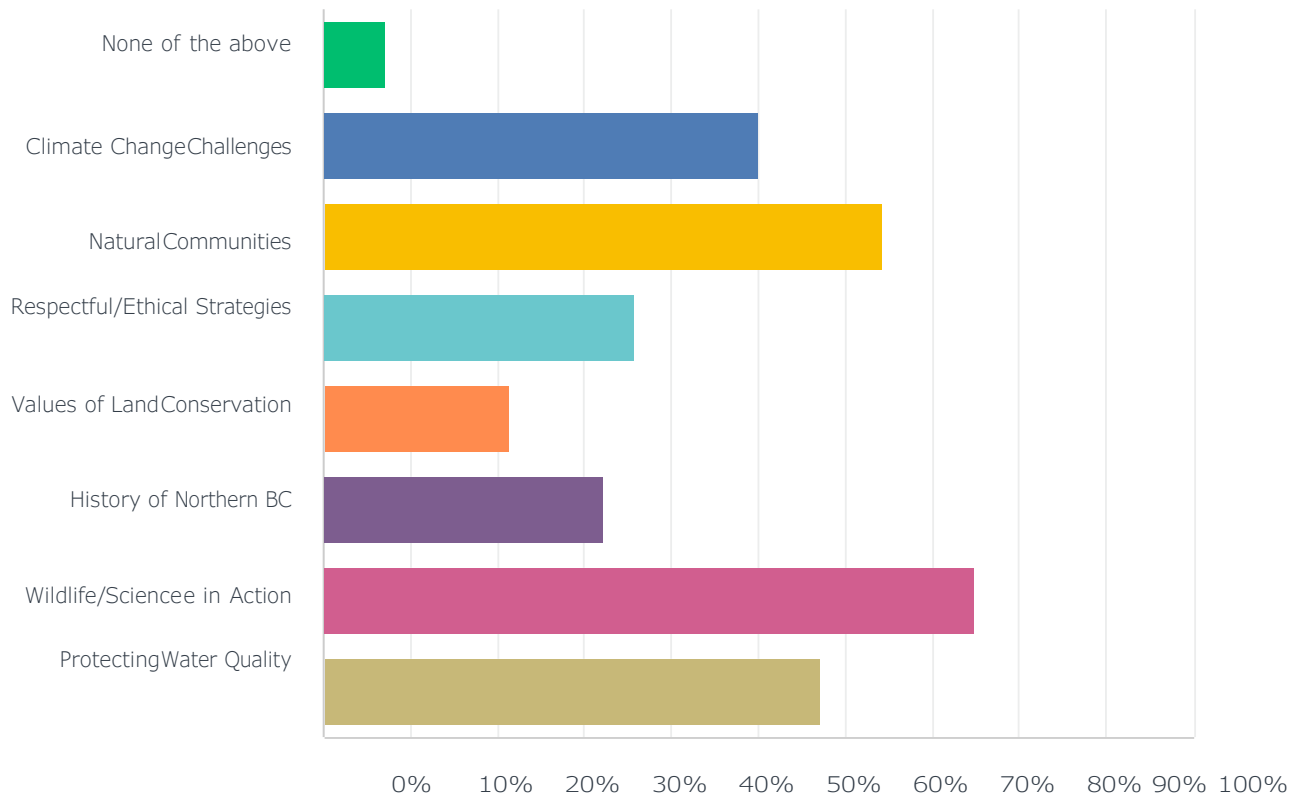


ANSWER CHOICES		RESPONSES	
Recreational		100.00%	19
Educational		0.00%	0
Other (please specify)		0.00%	0
TOTAL			19

#	OTHER (PLEASE SPECIFY)	DATE
There are no responses.		

Q5 The draft Education Plan for Greylock Glen calls for a wide range of environmental and historical topics to be addressed through programming and exhibits. Which of these topics most closely reflects your curriculum goals? (Please check all that apply):

Answered: 28 Skipped: 1



ANSWER CHOICES	RESPONSES	
None of the above	7.14%	2
Climate Change Challenges and Solutions	50.00%	14
Natural Communities and Biodiversity of New England	64.29%	18
Respectful/Ethical Strategies for Nature Study and Recreation	35.71%	10
Values of Land Conservation for People	21.43%	6
History of Northern Berkshire County	32.14%	9
Wildlife/Science in Action	75.00%	21
Protecting Water Quality and Aquatic Habitats	57.14%	16

Total Respondents: 28

Q6 Please share any additional specific topics or themes from your curriculum that you would like to see addressed in the Greylock Glen education plan:

Answered: 14 Skipped: 15

#	RESPONSES	DATE
1	I also teach topographic maps and geographical features.	3/17/2021 12:14 PM
2	Watersheds	3/17/2021 12:01 PM
3	Impact of invasive species on natural ecosystem and current strategies being used to combat invasives.	3/17/2021 9:55 AM
4	I am a second-grade teacher, and some topics we study are: life cycles of plants and animals, habitats and the animals/plants/insects that live there, landforms and erosion...just to name a few!	3/15/2021 8:46 PM
5	n/a	3/15/2021 7:28 AM
6	Maintain some areas that are not disturbed (not used for recreation or other purposes), including at least one pond. Thus, we can do comparative assessments of human impact and climate change.	3/12/2021 7:49 AM
7	How scientific data is collected, used. Having a set of weather stations at different elevations with a readout in the educational center would be great for talking about weather, atmospheric science, and climate.	3/11/2021 1:04 PM
8	Land use history/human history is also important for my courses. This might be part of the "History of Northern Berkshire County" topic listed above, but the site-specific information as a relevant case study would be very appropriate. Also relevant to this is the tools used to research and understand the land use history and how it impacts the current landscape. All the topics listed above are relevant.	3/10/2021 6:36 PM
9	Food webs, water sheds and water cycle,	3/10/2021 2:23 PM
10	Outdoor activities for kindergarten children, life cycles, insects, plants, change, outdoor games	3/10/2021 1:50 PM
11	Different types of rocks and rock formations	3/10/2021 1:23 PM
12	Animal Habitats	3/10/2021 8:37 AM
13	Learning about the flora and fauna in this particular ecosystem, the seasonal changes of the forest, animal food chains	3/9/2021 2:41 PM
14	for younger students...the seasons and how the mt changes, types of trees on the mt, the history of the monument	3/9/2021 12:52 PM

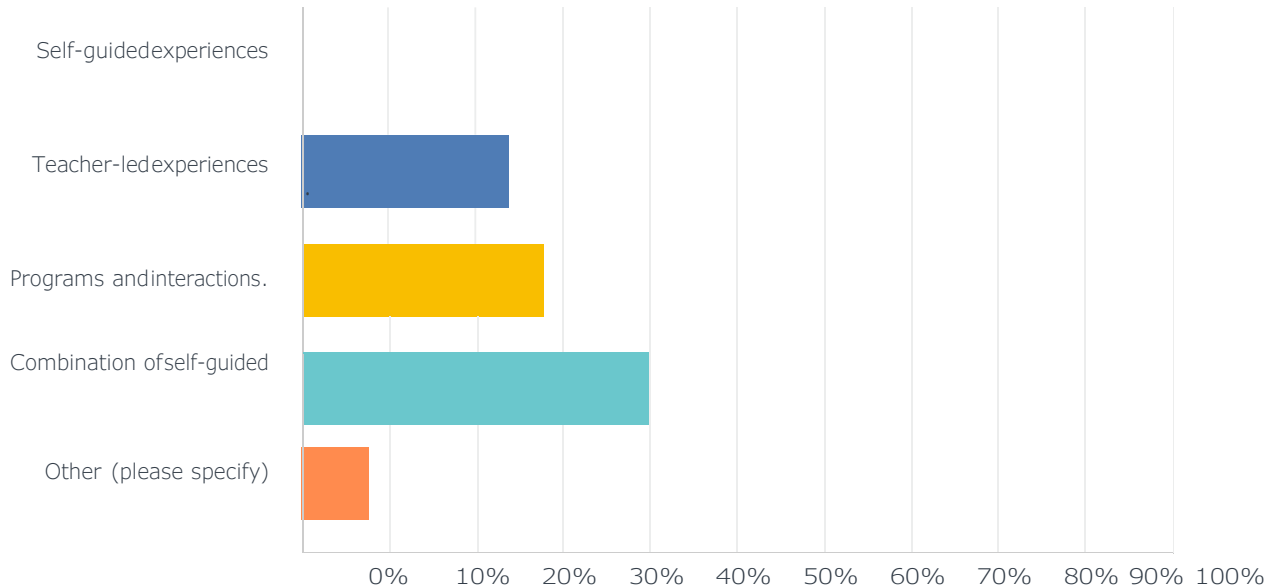
Q7 What other focus areas should be explored through indoor or outdoor education programming and exhibits at Greylock Glen?

Answered: 10 Skipped: 19

#	RESPONSES	DATE
1	plant species, invasive species,	3/17/2021 12:01 PM
2	I would love to see resources being allocated for upper-level science courses to use the Greylock Glen as a space for conducting field studies. Examples could include water quality assessment, soil quality monitoring, wildlife surveys are a small number of potential areas of field study that students could engage in.	3/17/2021 9:55 AM
3	Guided hikes, as well as the history of the area, trails, and mapping.	3/15/2021 8:46 PM
4	This should be a training area for the state's DCR and/or conservation officers	3/15/2021 7:28 AM
5	- plants, birds (residents, visitors, migrants), insects, amphibians, aquatic flora, and fauna, etc... found in Greylock Glen and their interactions in this community throughout the year - the "microscopic" world of Greylock Glen and its critical role in the ecology of the region and in the lives of other organisms - the geology of Greylock Glen in the context of Mount Greylock, the Berkshires, northeastern US, etc... - comparisons between the ecology of Greylock Glen and other regions of Mount Greylock, as well as the Berkshires and northeastern US, etc... -long- term projects monitoring the ecology (plants, birds, aquatic flora and fauna, insects, amphibians, etc...) of Greylock Glen	3/13/2021 10:32 AM
6	Since there are plans to incorporate sustainability in the building design, it would be great to include interpretive information about this as well. Perhaps there will be an electric vehicle charging station on-site-- there could be interpretive information about the benefits of EVs. Perhaps the available food could emphasize plant-based options (and interpretive information provided about the sustainability of a plant-based diet).	3/11/2021 10:45 AM
7	Land use history/human history	3/10/2021 6:36 PM
8	Establishing an outdoor residential school for fourth or fifth grade so they can immerse in nature. learn stewardship of the land, give college students an opportunity to be counselors, sing songs, conduct an analysis of the biodiversity of streams or woodlands, learn about transition zones, and learn about climate change and what we can do to make a difference. Hiking up to the top of Mt. Greylock could be included as a culmination.	3/10/2021 1:50 PM
9	Microorganisms	3/10/2021 1:23 PM
10	Exploration and time for students to play and use the outdoor areas for recreation.	3/9/2021 2:41 PM

Q8 How are you most likely to engage your students in educational opportunities at Greylock Glen?

Answered: 25 Skipped: 4

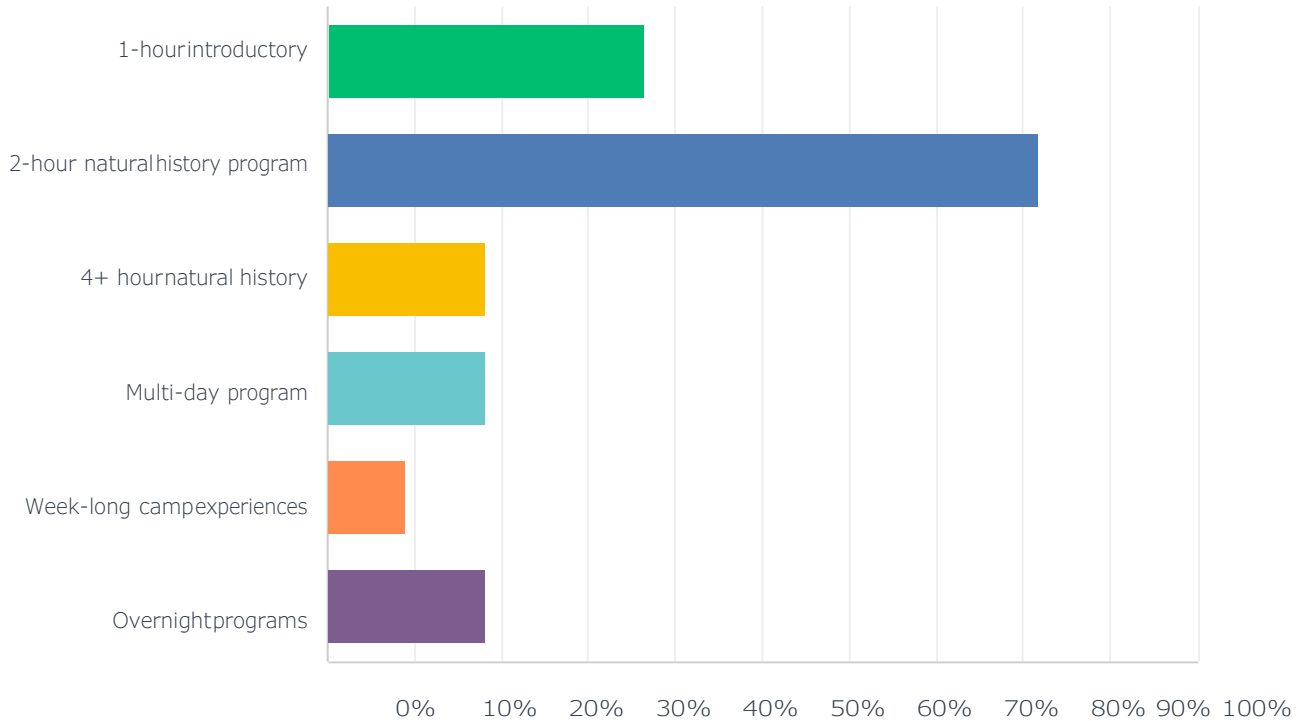


ANSWER CHOICES	RESPONSES	
Self-guided experiences/lesson plans	0.00%	0
Teacher-led experiences/lesson plans	24.00%	6
Programs and interactions led by on-site educational staff	28.00%	7
Combination of self-guided and guided experience	40.00%	10
Other (please specify)	8.00%	2
TOTAL		25

#	OTHER (PLEASE SPECIFY)	DATE
1	unlikely to take students there (although it is lovely!)	3/11/2021 1:00 PM
2	as interns at Greylock Glen, offering interpretive programming.	3/11/2021 10:51 AM

Q9 Which of the following program formats are you most likely to incorporate into your curriculum?

Answered: 22 Skipped: 7



ANSWER CHOICES	RESPONSES	
1-hour introductory nature exploration at Greylock Glen	36.36%	8
2-hour natural history program (e.g., hike/bird walk) at Greylock Glen	81.82%	18
4+ hour natural history field trip to Greylock Glen and adjacent property	18.18%	4
Multi-day program with a series of thematic visits to Greylock Glen	18.18%	4
Week-long camp experiences for youth or families at Greylock Glen	9.09%	2
Overnight programs at Greylock Glen (after development of camping or lodging facilities)	18.18%	4

Total Respondents: 22

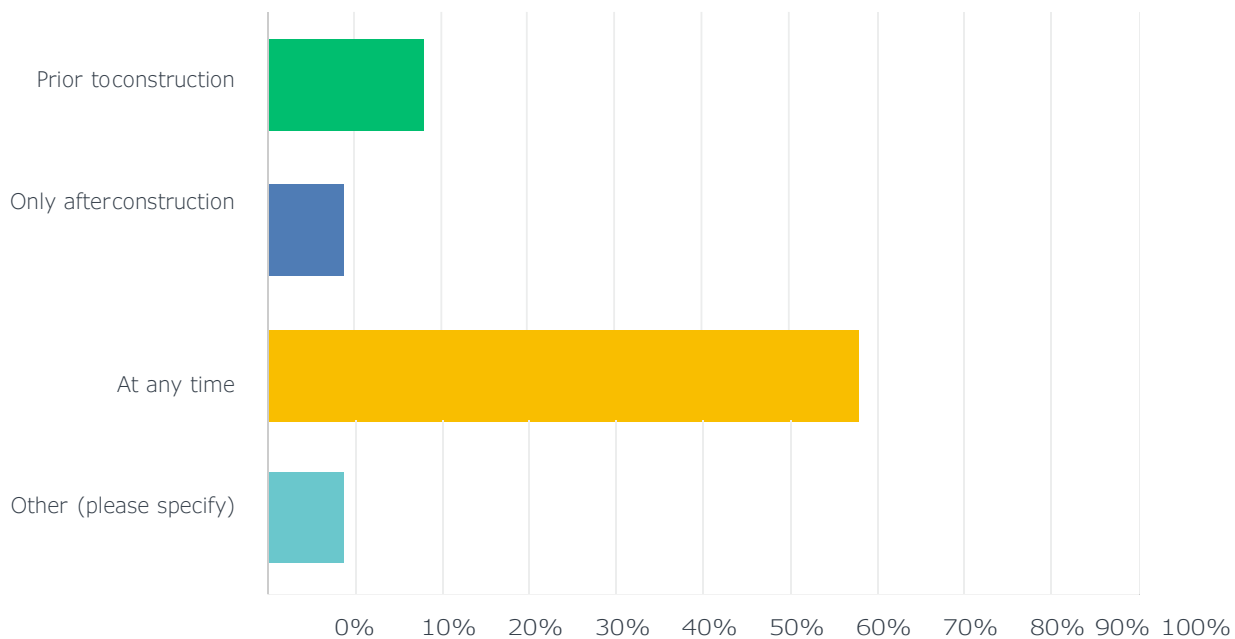
Q10 Are there other program formats you would recommend for consideration at Greylock Glen?

Answered: 9 Skipped: 20

#	RESPONSES	DATE
1	n/a	3/15/2021 7:29 AM
2	A 3-4-hour biodiversity "lab" - students identify plants in plots with different land use histories, collect data on abundance, go to an indoor location and do calculations and compare results.	3/12/2021 7:53 AM
3	2-h teacher-led activity.	3/11/2021 9:34 PM
4	I would be most likely to use facilities there for short, 1-2-hour data collection "labs" and then go back to campus to process the data and come up with results.	3/11/2021 1:06 PM
5	I really have no idea at this point. I suppose it also depends on what else is happening at the site. I typically look for more remote experiences for students, so if there is a lot of infrastructure and concurrent programming going on, that would influence my use of the site.	3/10/2021 6:38 PM
6	Possibly the overnight idea too-	3/10/2021 2:18 PM
7	I used to teach sixth grade at this elementary school. We camped at Hawley and did our own programming. That overnight adventure stopped because they felt we were too far from a hospital. Having some overnight programming at the Glen would be so memorable for students in this area. I think fifth grade went to Flying Deer although I do not know if that continued to happen. Having something in our backyard would be so wonderful. Opportunities for environmental/ nature education in this area would be a big plus.	3/10/2021 1:53 PM
8	Single day field trips would be our go to.	3/10/2021 1:23 PM
9	Four main visits to the Glen to study different topics related around the different seasons for younger grade students (fall, winter, spring, an end of year summer trip)	3/9/2021 2:46 PM

Q11 The next phase of development calls for construction of the Outdoor Center, which will combine exhibit and classroom spaces with dining and retail/equipment rental amenities. the classroom wing will be designed as flexible space - able to serve as three separate rooms or one large gathering space, all adjacent to the fully accessible walking trail, outdoor classrooms and interpretive kiosks. Assuming a full return to in-person learning in the next school year, are you more likely to participate in educational opportunities at Greylock Glen:

Answered: 22 Skipped: 7



ANSWER CHOICES		RESPONSES	
Prior to construction of the Outdoor Center, utilizing the current small gazebo as a meeting space		18.18%	4
Only after construction of the Outdoor Center, utilizing indoor classroom space		9.09%	2
at any time, construction of the Outdoor Center will not influence my plans		68.18%	15
Other (please specify)		9.09%	2

Total Respondents: 22

#	OTHER (PLEASE SPECIFY)	DATE
1	We could explore the possibility of some sort of overnight orientation program for our students- - these would require some sort of lodging.	3/11/2021 10:57 AM

Greylock Glen Educational Plan Input - Educators

2	I really don't know. I don't use the site now for classes and I don't have a plan to do so at thispoint.	3/10/2021 6:40 PM
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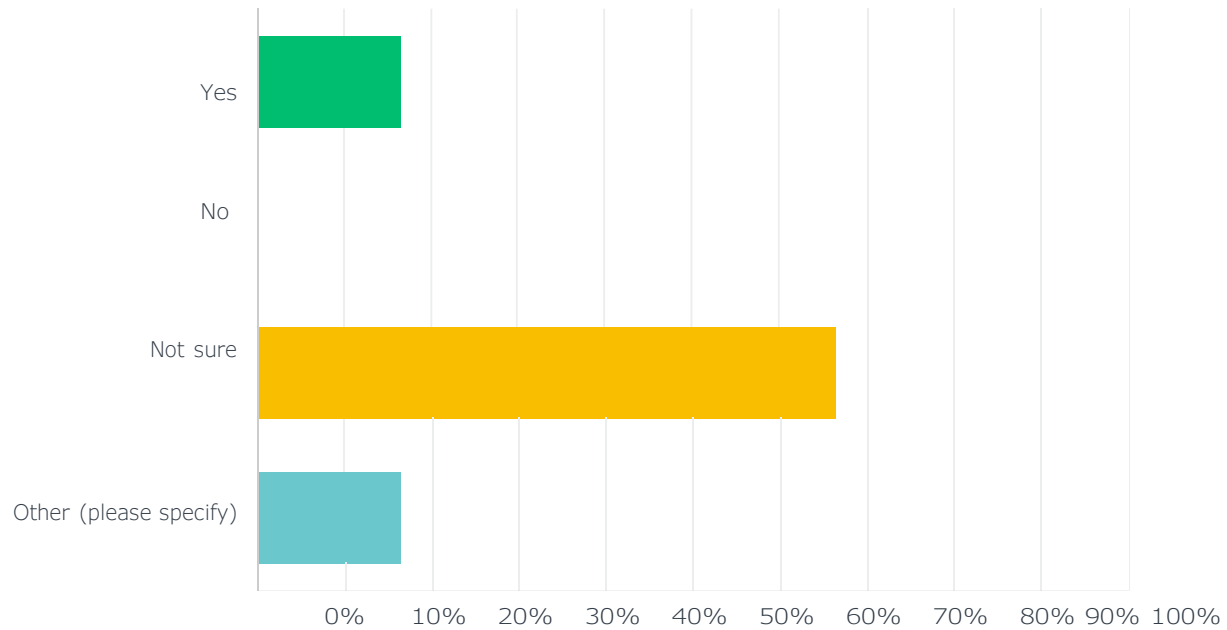
Q12 What other sites within Berkshire County do you currently utilize for outdoor or environmental education (outside of the classroom setting)?

Answered: 18 Skipped: 11

#	RESPONSES	DATE
1	the Clark Art, Sheep Hill, Pine Cobble Trail, Hoosic River, local pond on the Williams campus, our school garden.	3/15/2021 8:49 PM
2	other hiking and fishing areas	3/15/2021 7:31 AM
3	Hopkins Forest sites with vernal pools	3/13/2021 10:33 AM
4	Hopkins Forest in Williamstown	3/12/2021 7:54 AM
5	Hopkins Memorial Forest	3/11/2021 9:35 PM
6	Hopkins Forest and other sites on or adjacent to the Williams College campus	3/11/2021 3:25 PM
7	Hopkins Memorial Forest, Linear Park	3/11/2021 1:07 PM
8	MCLA Forest, Hopkins Forest, Hoosic River, Pontoosuc Lake, Manice Education Center...	3/11/2021 10:57 AM
9	Natural Bridge	3/11/2021 10:20 AM
10	Sheep Hill, TTOR properties, MCLA Forest, North Adam's Fish Pond, DCR's Clarksburg SP, Savoy Mountain SF, Mt Greylock State Reservation, Natural Bridge SP, Hopkins Forest... and some others that I'm not thinking of right now.	3/10/2021 6:40 PM
11	Just changed grades and used to use Lanesborough side of mountain, work with MA Audubon on projects- for 3rd all topics. This year I teach ancient world history and English, so that will change	3/10/2021 2:19 PM
12	Sheep Hill, all museums especially those within walking distance, Jaeske's we have used, Hopkins Forest with Williams student doing programs on forest and stream studies	3/10/2021 1:55 PM
13	Bill Liston Park Hopkins Forest	3/10/2021 1:25 PM
14	Hopkins Forest Sheep Hill	3/10/2021 8:40 AM
15	Shaker Village	3/9/2021 9:33 PM
16	Hopkins Memorial Forest in Williamstown to see maple trees being taped and sap turned into syrup. Sheep Hill in Williamstown for a looped nature walk and study of seed dispersal lessons.	3/9/2021 2:51 PM
17	Sheep hill	3/9/2021 2:38 PM
18	rail trail	3/9/2021 12:53 PM

Q13 Would your organization be interested in collaborating on future educational programs at Greylock Glen?

Answered: 24 Skipped: 5



ANSWER CHOICES	RESPONSES	
Yes	16.67%	4
No	0.00%	0
Not sure, we would need more information	66.67%	16
Other (please specify)	16.67%	4
TOTAL		24

#	OTHER (PLEASE SPECIFY)	DATE
1	Internships for our students and perhaps occasional guest lectures by faculty	3/11/2021 10:57 AM
2	Not my decision	3/11/2021 10:20 AM
3	I really am not sure. Please ask Dr. Elena Traister, my department chair.	3/10/2021 6:40 PM
4	I may be interested but I cannot speak for the entire school. Contact the principal, Cindy Sheehy	3/10/2021 1:55 PM

Q14 Please share any additional thoughts or comments on how GreylockGlen can help you and your students achieve your environmental education goals?

Answered: 9 Skipped: 20

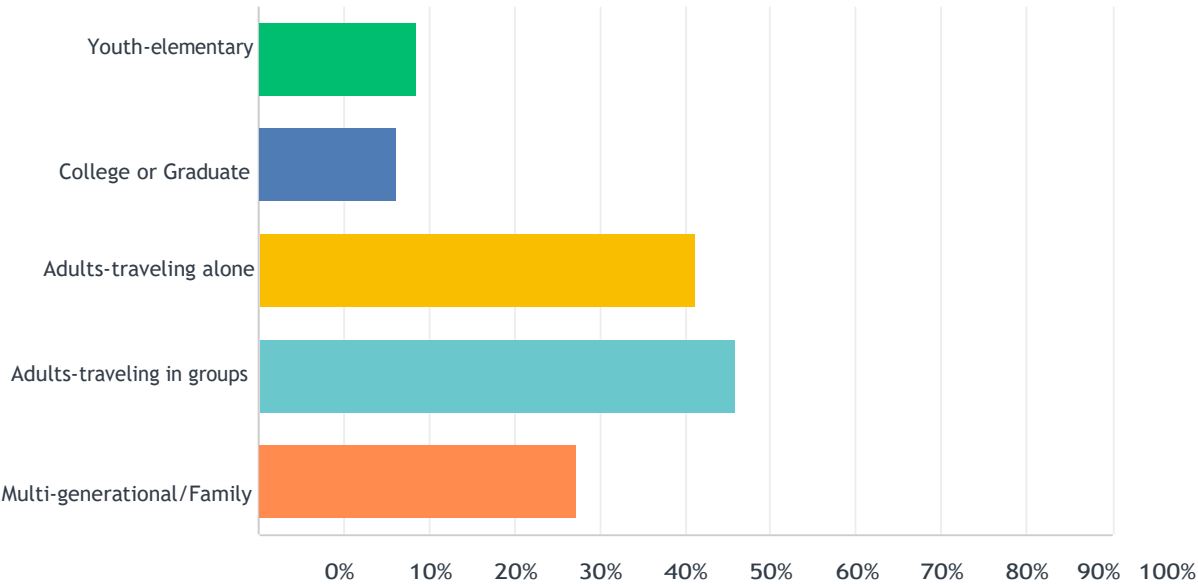
#	RESPONSES	DATE
1	n/a	3/15/2021 7:31 AM
2	If funding were available, college students could be hired to work as summer Naturalists at Greylock Glen and its Education Center - they could create and maintain exhibits, learn aboutand help with trail maintenance, lead regular Botany, Bird, Geology, Stream/Pond walks for visiting groups, contribute to long-term studies monitoring the wildlife of Greylock Glen, etc....	3/13/2021 10:34 AM
3	Include a space with the capacity for messy lab work - high tables that are impervious towater, a central sink, a floor drain (could be outside).	3/12/2021 7:55 AM
4	I would recommend reaching out to Professor Joan Edwards (jedwards@williams.edu) who might be most likely among our department members to bring her students to this site.	3/11/2021 3:26 PM
5	Not sure at this point, but I'll keep thinking about this as I continue my informal visits to thesite for birding and taking walks.	3/10/2021 6:40 PM
6	I think you should incorporate Jaeschke's somehow into your programming... Even if it is justto pick apples after a day in the Glen	3/10/2021 2:21 PM
7	See previous comments	3/10/2021 1:55 PM
8	I believe that many educators like myself would love opportunities to bring our students to theGlen. the connections to our curriculum that are decided upon must be flexible to support different teachers' goals and student learning outcomes. I think having various environmental topics and activities to choose from will indeed help support our education goals. I also think one major obstacle to getting more students out of the classroom is always the cost of buses for schools and I hope there may be ways to get support for funding trips in the future.	3/9/2021 3:01 PM
9	Field trips are an extreme challenge for our school -- they tend to disrupt the learning in other classes. the best educational opportunities would connect the Glen to the classroom (virtuallyor in person) and connect experts to the classroom and outside-of-the-school-day learning opportunities.	3/9/2021 2:50 PM

Appendix B

Tourism Industry Survey Results

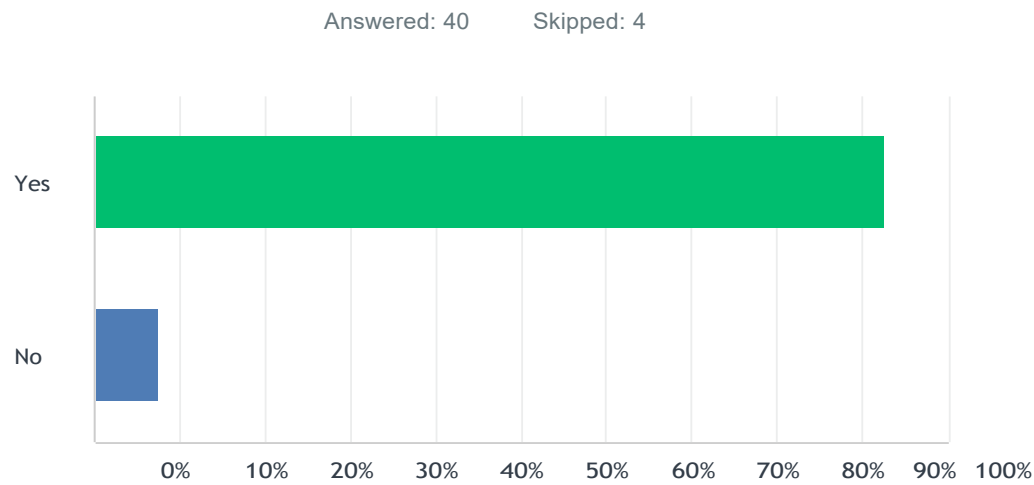
Q2 Please indicate the age range of your clients/customers (check all that apply):

Answered: 43 Skipped: 1



ANSWER CHOICES	RESPONSES	
Youth - elementary/secondary	18.60%	8
College or Graduate School	16.28%	7
Adults - traveling alone	51.16%	22
Adults - traveling in couples or groups	55.81%	24
Multi-generational/Family	37.21%	16
Total Respondents: 43		

Q3 Have you visited and explored Greylock Glen in Adams, MA?

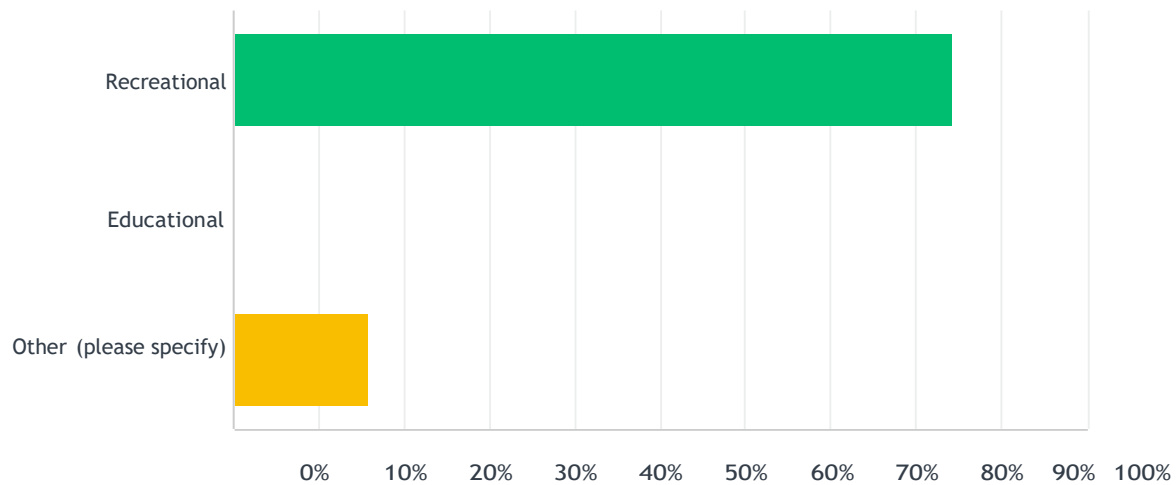


ANSWER CHOICES		RESPONSES	
Yes		92.50%	37
No		7.50%	3
TOTAL			40

Q4 If yes, what was the primary purpose of your visit?

Answered: 38

Skipped: 6

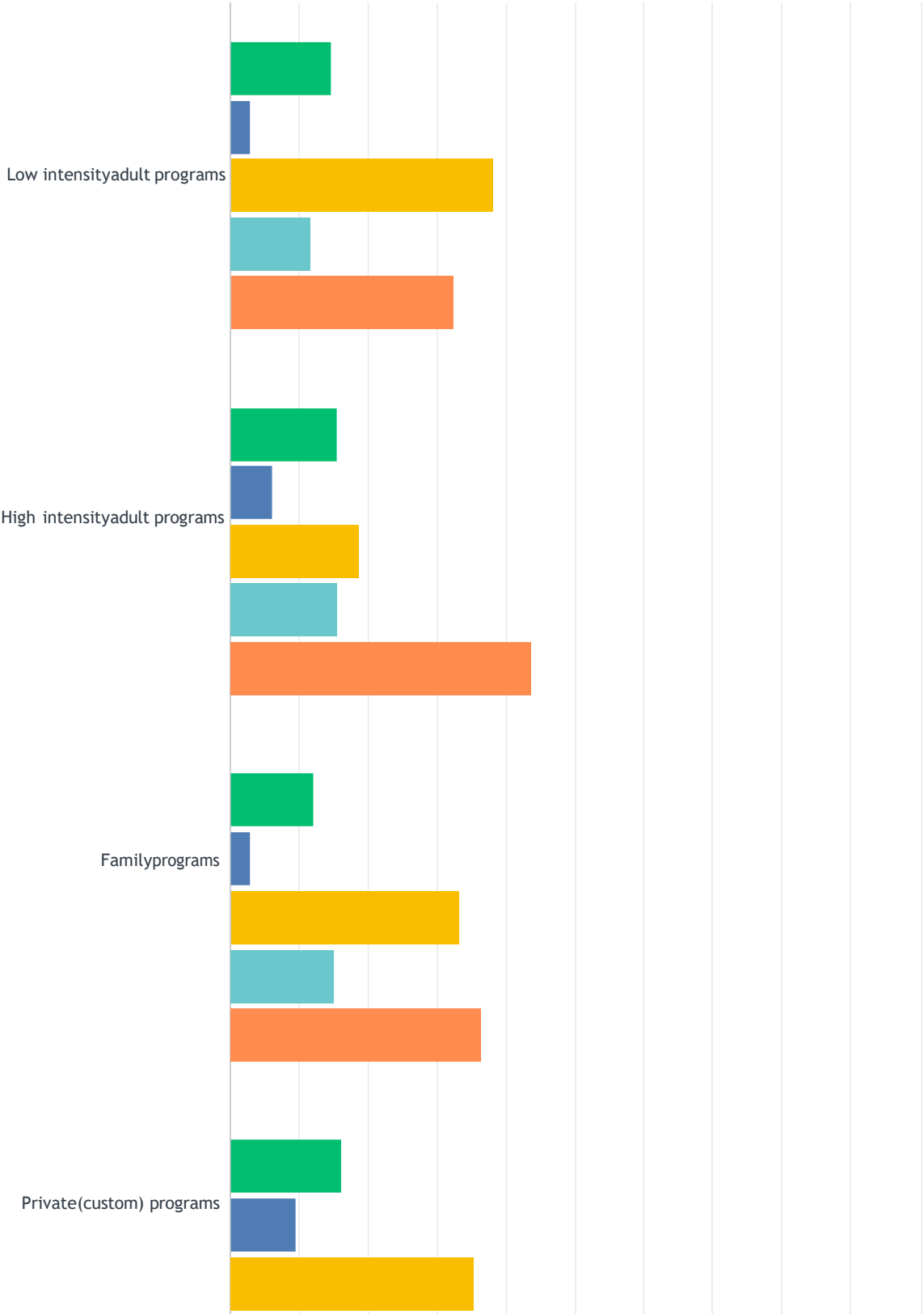


ANSWER CHOICES	RESPONSES	
Recreational	84.21%	32
Educational	0.00%	0
Other (please specify)	15.79%	6
TOTAL		38

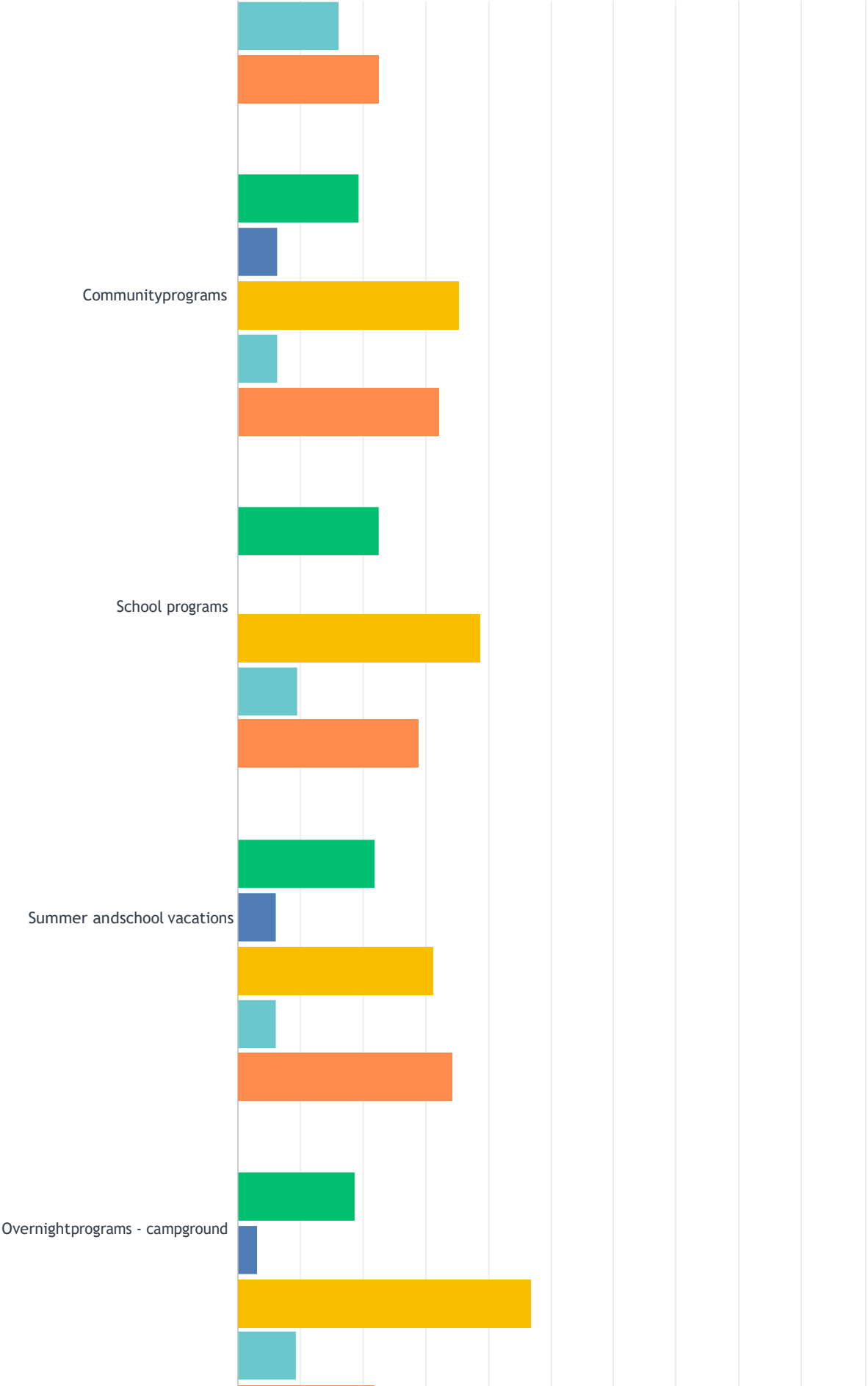
#	OTHER (PLEASE SPECIFY)	DATE
1	Search and rescue	4/15/2021 9:00 PM
2	Hiking photos	4/15/2021 1:45 PM
3	Landing hang glider	3/18/2021 6:41 PM
4	Paragliding	3/18/2021 1:41 PM
5	Didn't visit	3/18/2021 11:51 AM
6	Hang Gliding	3/18/2021 6:25 AM

Q5 How would you rate the following in terms of potential to support the tourism economy in northern Berkshire County?

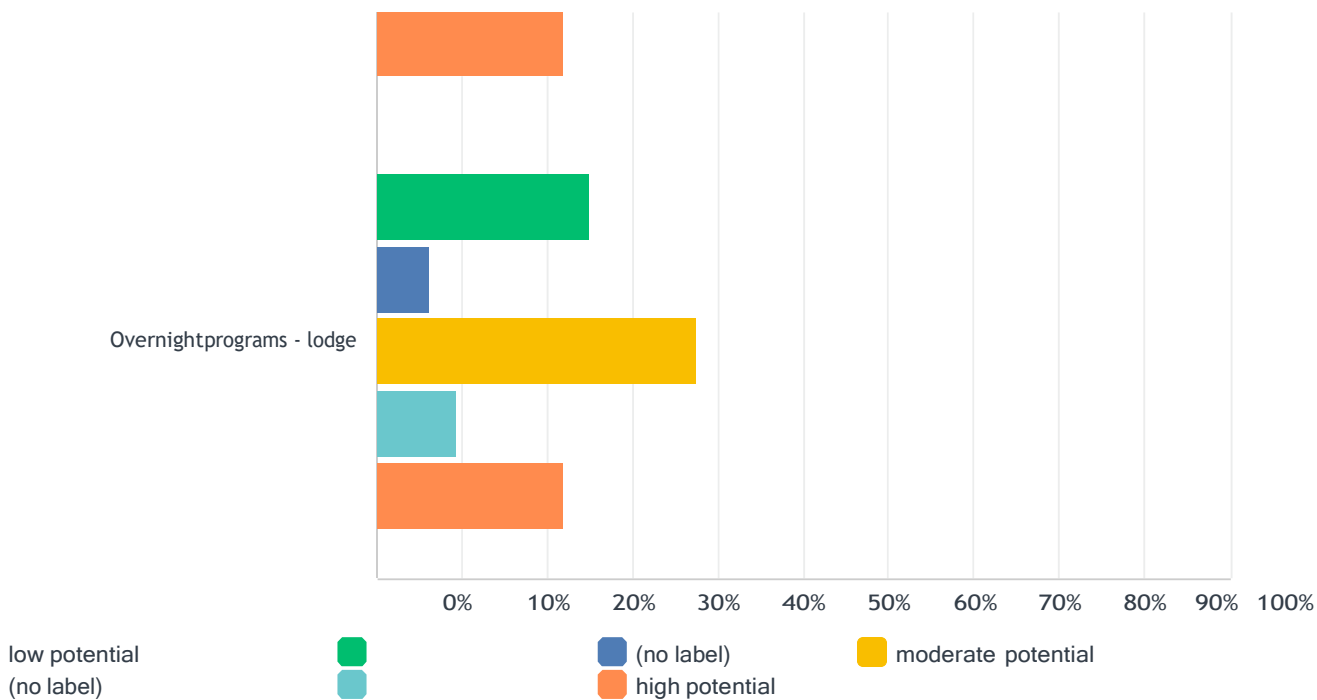
Answered: 34 Skipped: 10



Greylock Glen Educational Plan Input - Tourism Industry



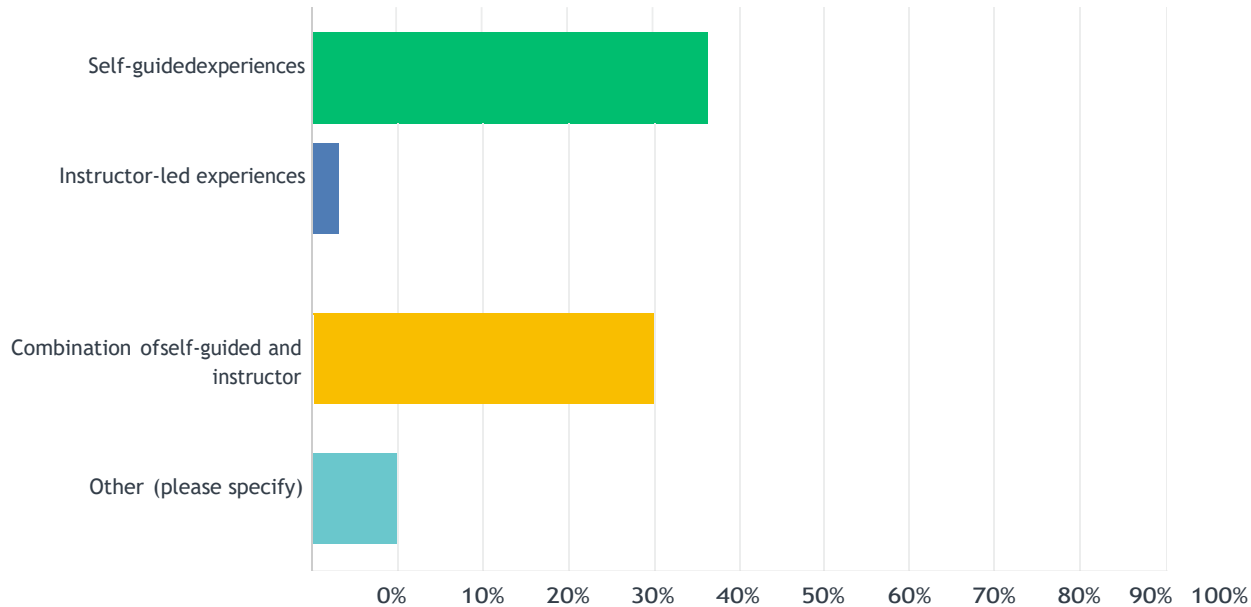
Greylock Glen Educational Plan Input - Tourism Industry



	LOW POTENTIAL	(NO LABEL)	MODERATE POTENTIAL	(NO LABEL)	HIGH POTENTIAL	TOTAL	WEIGHTED AVERAGE
Low intensity adult programs (passive wildlife watching, bird walks, etc.)	14.71% 5	2.94% 1	38.24% 13	11.76% 4	32.35% 11	34	3.44
High intensity adult programs (mountain biking, guided hikes, etc.)	15.63% 5	6.25% 2	18.75% 6	15.63% 5	43.75% 14	32	3.66
Family programs (guided trail explorations, wildlife lessons)	12.12% 4	3.03% 1	33.33% 11	15.15% 5	36.36% 12	33	3.61
Private (custom) programs for adults or families	16.13% 5	9.68% 3	35.48% 11	16.13% 5	22.58% 7	31	3.19
Community programs (outreach and onsite programs focused on the local community)	19.35% 6	6.45% 2	35.48% 11	6.45% 2	32.26% 10	31	3.26
School programs (classroom outreach and field trips to Greylock Glen)	22.58% 7	0.00% 0	38.71% 12	9.68% 3	29.03% 9	31	3.23
Summer and school vacation week day camps for kids	21.88% 7	6.25% 2	31.25% 10	6.25% 2	34.38% 11	32	3.25
Overnight programs utilizing the future Greylock Glen campground	18.75% 6	3.13% 1	46.88% 15	9.38% 3	21.88% 7	32	3.13
Overnight programs utilizing the future Greylock Glen lodge	25.00% 8	6.25% 2	37.50% 12	9.38% 3	21.88% 7	32	2.97

Q6 How are your clients/customers most likely to engage in programming at Greylock Glen?

Answered: 30 Skipped: 14

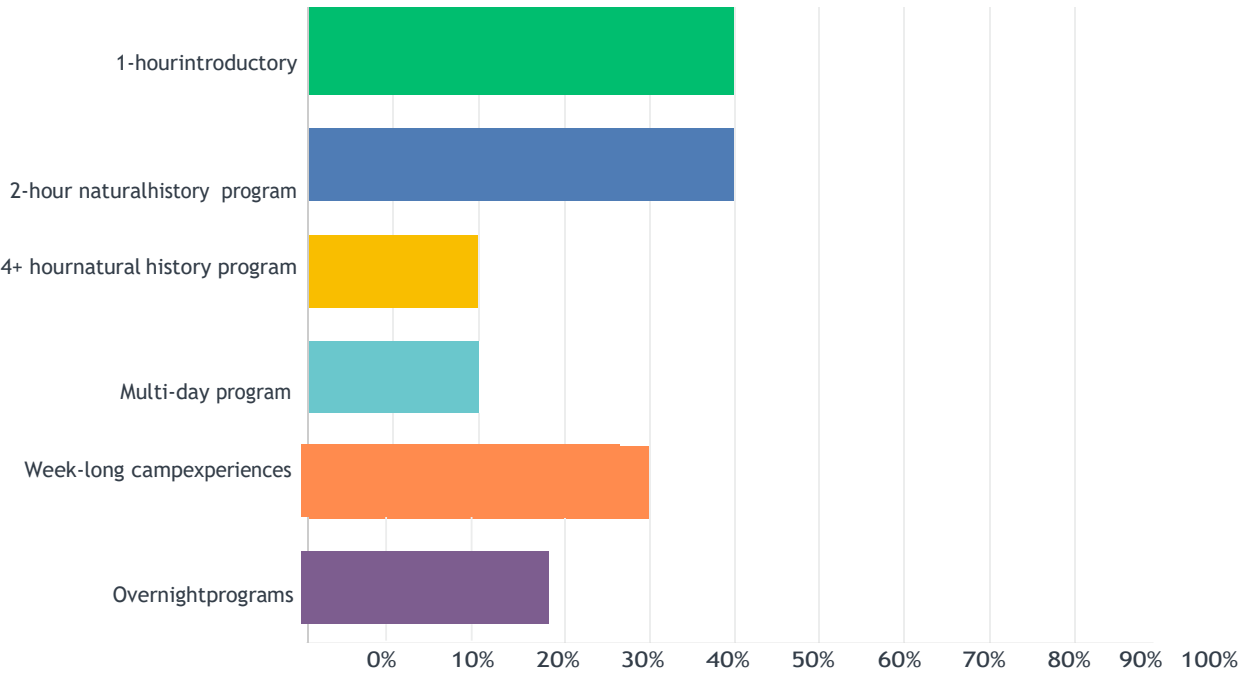


ANSWER CHOICES	RESPONSES	
Self-guided experiences/exploration	46.67%	14
Instructor-led experiences/exploration	3.33%	1
Combination of self-guided and guided experience	40.00%	12
Other (please specify)	10.00%	3
TOTAL		30

#	OTHER (PLEASE SPECIFY)	DATE
1	We hang glide and paraglide, using the glen as our landing area	3/20/2021 11:37 AM
2	Landing area for Para Gliders and Hang Gliders	3/18/2021 6:39 AM
3	not likely to attend	3/17/2021 6:45 PM

Q7 Which of the following formats do you believe would be most appealing?

Answered: 24 Skipped: 20



ANSWER CHOICES	RESPONSES	
1-hour introductory nature exploration at Greylock Glen	45.83%	11
2-hour natural history program (e.g., hike/bird walk) at Greylock Glen	50.00%	12
4+ hour natural history field trip to Greylock Glen and adjacent property	16.67%	4
Multi-day program with a series of thematic programs at Greylock Glen	20.83%	5
Week-long camp experiences for youth or families at Greylock Glen	37.50%	9
Overnight programs at Greylock Glen (after development of camping or lodging facilities)	29.17%	7

Total Respondents: 24

Q8 Are there other program formats you would recommend for consideration at Greylock Glen?

Answered: 12

Skipped: 32

#	RESPONSES	DATE
1	Guided hikes at all levels	4/15/2021 9:01 PM
2	N/A	4/15/2021 2:03 PM
3	Encourage free flight activities (hang gliding and paragliding) in accordance with existing safety and regulatory guidelines to continue to thrive at this unique mountain location.	3/24/2021 10:31 AM
4	Of course, visits independent of some guided program should be encouraged and supported. Everyone should be allowed to enjoy the site in their own way.	3/22/2021 4:11 PM
5	Watching the free flyers land.	3/20/2021 11:37 AM
6	Help keep Hang Gliding and Paragliding available ... Greylock is a world class venue for these sports. Great for spectators.	3/18/2021 1:08 PM
7	Guided tours	3/18/2021 11:52 AM
8	Not to lose the landing area .	3/18/2021 6:39 AM
9	Thousands visit the Glen now, and the proposal is to pave that over and force them to go elsewhere. Move the infrastructure in to town and leave the mountain as is.	3/17/2021 8:14 PM
10	Right now, I'm the supervisor for a Therapeutic intervention program out of Drury high school in North Adams and we will be doing a Therapeutic hiking program with our clients this summer. I'd love to be a part of any and everything you are doing!	3/17/2021 11:02 AM
11	Perhaps an event series over a season that draws guests multiple times to complete a number of experiences. They could get a "bingo card/passport" that is stamped at the visitor's center to indicate completion with a badge awarded at the end to signify their effort and dedication.	3/17/2021 9:41 AM
12	Beginner/intermediate level hiking/biking/skiing instruction.	3/17/2021 9:05 AM

Q9 What topics do you believe your clients/customers would be most interested in learning about through programming or exhibits at Greylock Glen?

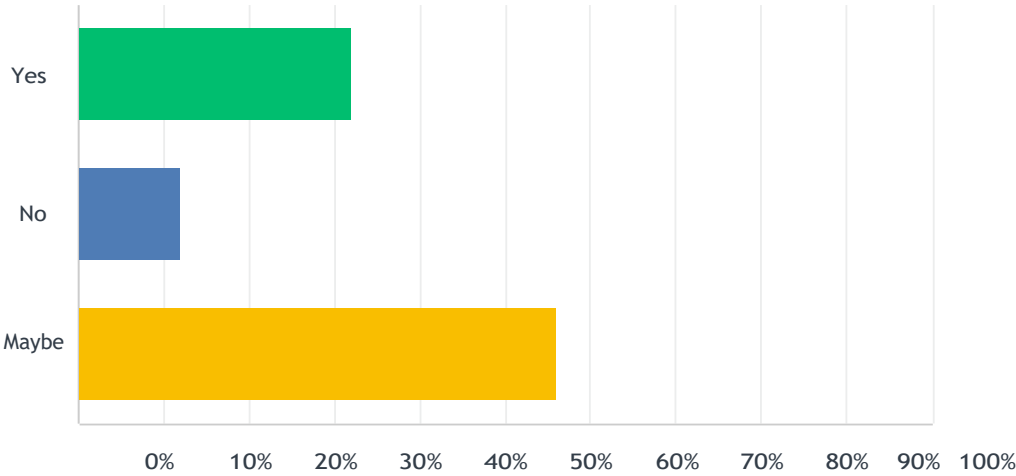
Answered: 16

Skipped: 28

#	RESPONSES	DATE
1	History	4/15/2021 9:02 PM
2	N/A	4/15/2021 2:03 PM
3	Natural history, environmental science, place-based education	4/15/2021 12:31 PM
4	Meteorology, aerology, dynamics of flight, birdwatching.	3/24/2021 10:45 AM
5	Birding, info regarding trails	3/23/2021 9:14 PM
6	Honestly, I do not have an answer to this question. I have visited Greylock to enjoy the place, and do not want to visit it to be educated.	3/22/2021 5:48 PM
7	We need free and well-marked area in which to land.	3/20/2021 11:40 AM
8	Climate Change related topics	3/19/2021 4:43 PM
9	N/A	3/18/2021 1:10 PM
10	Trails	3/18/2021 11:53 AM
11	My clients want the open space of the Glen...Not another developed area.	3/17/2021 8:15 PM
12	Learning about how to heal with nature and be more mindful of the natural world around us.	3/17/2021 11:03 AM
13	Programs that combine multiple disciplines would be most appealing to my customers. Nature meets art meets culture meets history.	3/17/2021 9:50 AM
14	Birds, natural history, geology, climate change	3/17/2021 9:25 AM
15	History of the mountain, wildlife.	3/17/2021 9:17 AM
16	History and natural resources.	3/17/2021 9:07 AM

Q10 Would your business/organization be interested in collaborating on programming at Greylock Glen?

Answered: 25 Skipped: 19



ANSWER CHOICES	RESPONSES	
Yes	32.00%	8
No	12.00%	3
Maybe, would need more information	56.00%	14
TOTAL		25

Q11 What other sites within Berkshire County do you most often refer your clients/customers to for outdoor recreation?

Answered: 19

Skipped: 25

#	RESPONSES	DATE
1	Cheshire Cobbles	4/15/2021 9:02 PM
2	Kripalu, Tanglewood, Chester arches, Dorothy Rice wildlife, Local lakes, we have endless beautiful places to explore.	4/15/2021 4:38 PM
3	N/A	4/15/2021 2:03 PM
4	We recommend Greylock Glen often. Also, Old Mill Trail in Hinsdale, Hollow Fields in Richmond, Hawley Bog, Williamstown Rural Lands trails	4/15/2021 12:31 PM
5	Natural Bridge, Cobbles, Savoy State Forest, Tannery Falls	3/24/2021 8:23 AM
6	Majority of our clients are looking for trails. We have two guidebooks we sell that are very popular. Send a lot of folks to The Clark who are looking for a nice place to walk.	3/23/2021 9:14 PM
7	I don't know of a comparable place in the area for what we do.	3/22/2021 5:48 PM
8	KENNEDY PARK STATE PARKS (OCTOBER MOUNTAIN, BEARTOWN, MONUMENT MOUNTAIN) BNRC TRAILS	3/20/2021 10:50 AM
9	Berkshire Knapsackers	3/19/2021 4:43 PM
10	Mohawk trail	3/18/2021 6:50 PM
11	Brace Mtn	3/18/2021 1:43 PM
12	N/A	3/18/2021 1:10 PM
13	All of them	3/18/2021 11:53 AM
14	Hoosic Range. Petersburg Pass	3/17/2021 8:15 PM
15	rail trail	3/17/2021 6:47 PM
16	HIKING IN THE BERKSHIRES WITH BERKSHIRE GREENLEAF ON FACEBOOK	3/17/2021 11:03 AM
17	Properties owned/manage by BNRC, Trustees	3/17/2021 9:50 AM
18	PSF	3/17/2021 9:17 AM
19	Mt. Greylock Reservation, Appalachian Trail	3/17/2021 9:07 AM

Q12 Please share any additional comments or feedback you have regarding the development of recreational programming at Greylock Glen:

Answered: 16

Skipped: 28

#	RESPONSES	DATE
1	N/A	4/15/2021 2:03 PM
2	<p>Please respect and support the unique, longstanding use of the current Greylock Glen area by the free flight (hang gliding and paragliding) community. Greylock is an absolute jewel in the crown of New England free flight, offering unmatched launch opportunity, infrastructure, and community interest. It is unclear to me from the site plan how the development you are planning will impact the existing landing zone that, with the permission of the Town, the free flight community created on the Gould Rd/Thiel Rd/Thunderbolt trailhead parcel several years ago. That landing zone welcomes multi-use activities such as nature walks, bird watching, dog walking, trail running, hiking, etc., in addition to spectator activities and of course a safe landing zone for the pilots. The members of my organization travel from all over New York specifically to Greylock and Adams on flyable days throughout the year. We often hike up the mountain on the Cheshire Harbor or Thunderbolt trails, and then fly off the summit and land in the open field at the base of the Thunderbolt trail that is our designated landing zone. If this landing zone is compromised by adding buildings, parking lots, electrical poles, sculptures, or other unforgiving physical structures, you will be ending free flight at Greylock. If instead you ensure the preservation of the landing zone you will be guaranteeing continued use of the openspace by all visitors, including free flight pilots, and in addition offering a fun spectator opportunity for visitors. I am happy to discuss ways to balance all the various needs at any time. email: mtbraceclub@gmail.com</p>	3/24/2021 10:45 AM
3	None at this time.	3/23/2021 9:14 PM
4	<p>Hi, I am a hang glider pilot going into my 36th year in the sport. Needless to say, anything worth sticking with for 36 years must bring a lot of joy... and it sure does! Not only do I love to fly, but the community of free flight pilots has become family to me. That is special indeed! It is beyond dismaying to think there are plans in the works that could take yet another precious flying site away from us, especially one as special as Greylock. The struggle to preserve the places we fly has been going on as long as free flight has existed and continues to be an uphill struggle. Construction in the middle of the field we currently land in would pretty much kill the free flying activity we enjoy at Greylock. I believe we could be an excellent complement to a nature center and recreational attraction, and I implore you to please consider leaving enough room for us to continue landing in the field in question. I think co-existence would not only be possible, but mutually beneficial. The proposed developments would benefit from having free flight pilots continuing to land there in the following ways: - High spectator appeal on both the summit launch, and in the landing area. The excitement of watching a flight about to happen complements a hike to the summit beautifully. Also, the anticipation and excitement of watching gliders fly and land is not only appealing but is actually an example of nature education in action. As pilots, we appreciate, respect and engage with nature in a way most folks never get to do. I believe it is a wonderful complement to the overall intent of developing the site as a recreational and educational center. - Perhaps the free flight community and the Greylock Glen community could possibly share in some of the upkeep. Greylock is a rare and special site to the free flying community, and it would be a terrible loss to us if we were no longer able to fly there. Not only is it a beautiful place and has excellent topography that is conducive to great flying, but with a paved road to the top it is freely accessible to ALL pilots (and spectators!) whether they own a 4x4 truck or a car. (Unfortunately, lots of flying sites are restrictive because they are only accessible by 4WD truck, so Greylock's paved access is well appreciated by many!) The free flight community is grateful for Greylock because of the direction it faces. Wind direction and speed are critically important when it comes to free flight, and Greylock makes launching and flying possible on days when we cannot fly anywhere else. Please, please work with the free flight community and include us in your plans to develop Greylock Glen as a recreational and educational site. We have a lot to offer in return. Thank you for your time and consideration. Jane Lenard Hudson Valley Free Flyers</p>	3/22/2021 5:48 PM

Greylock Glen Educational Plan Input - Tourism Industry

5	I am a member of the New England Paragliding and Hang-Gliding Club, the Hudson Valley Free Fliers, and the Hang Gliding and Paragliding Association. I am writing primarily out of concern that the planned development will put an abrupt and untimely end to an existing use of part of the Glen for hang glider and paraglider landings. Hang gliders and paragliders have been part of the Greylock community for a long time. Being unpowered, hang gliders and paragliders need a nearby location to safely land. The proposed development includes the landing field that was cleared by club members for landing use. In addition, it is highly likely that the planned development will draw corporate events, such as full-day retreats and team-building events, because that's where the money is. The Park will have a hard enough time balancing the needs of the private users with corporate cash cows. If existing users of the park are forgotten or ignored right at the outset, at least one segment of current users will be irrevocably shut out. It needs to be understood how rare safe and accessible HG & PG flying sites are in the Northeast, and all are threatened by development; even development with laudable intentions. I have been flying unpowered hang gliders since 1976. The struggle to find, develop, and maintain, and defend attractive, safe flying locations has been going on almost exactly that long. The pilots currently use a level part of the Glen about 1200 feet long and 600 feet wide. I, and I think the unpowered flying community, too, would like to find a way to welcome more nature lovers to parks and to coexist with them. If there is any possibility to have a longer discussion before plans are finalized, our community of pilots would seriously welcome that discussion. Thank you, Barry Morse	3/20/2021 11:44 AM
6	The flying community was instrumental in clearing out the glen. We are not averse to having a nature center in the area, but it should be planned in concert with the flying community. The fact that people can come and watch the landings will be promotional for the center, but it must be controlled to prevent incidents.	3/20/2021 11:40 AM
7	The designated landing field is small but a very important safe landing space. Any structure in or close to that field would pose a hazard for safe landings.	3/18/2021 6:50 PM
8	Help keep Hang Gliding and Paragliding available ... Greylock is a world class venue for these sports. Great for spectators.	3/18/2021 1:10 PM
9	None	3/18/2021 11:53 AM
10	Hi, I just want to register my concern that any proposed buildings may limit the open outdoor space available for users. This is particularly critical for paragliders and hang gliders as they need a large open space to safely land their wings. I hope any future construction at the site adequately takes these safety needs into consideration. Greylock is a wonderful flying site, and it would be a real loss if it could no longer be utilized for a lack of a safe landing zone.	3/18/2021 11:24 AM
11	Not to lose the landing area.	3/18/2021 6:41 AM
12	This is sad. Why not develop areas in town as a visitor's center/Conference Center. Add in-town hotel/motel/hostel capacity. Why do we need to pave and develop the mountainside, especially considering the state of the downtown area??	3/17/2021 8:15 PM
13	Stay out of the Greylock glen meadow. It is currently used for other things and placing a lodge in the meadow will negatively affect the current uses	3/17/2021 6:47 PM
14	I envision utilizing the overnight lodging at Greylock Glen for guests on multi-day Berkshire Camino guided walking tours. I would love for this to be base camp for at least one night leading up to or following a Greylock summit hike. It would be appealing to offer my guests the choice of a more rustic camping experience, a more supported camping experience (glamping) and the lodge to let them choose what they prefer - yet everyone would be contained within the overall resort. Guests would surely be interested in returning to the Glen for additional immersive experiences following the Berkshire Camino tour. The vision for this project reminds me a little bit of a place that I've visited twice and often long to return to - Callaway Gardens in Stone Mountain, GA.	3/17/2021 9:50 AM
15	Diverse Mountain biking opportunities would be huge. Signage in the Glen is abysmal- lots of trail braiding, ATV misuse etc.	3/17/2021 9:17 AM
16	Outreach is needed to a broad population of north county residents.	3/17/2021 9:07 AM