

2022-23 GREENPRIZE LISTENING SESSION

October 14, 2022

DETROIT ZOOLOGICAL SOCIETY®



DETROIT ZOO ♦ BELLE ISLE NATURE CENTER



MEETING MANAGEMENT

- RECORDING
- Mute your line unless you have a question or statement
- Feel free to use the chat
- We welcome critical feedback to help improve the program each year

Hazel Park Tree Planting Event



INTRODUCTION

Andy McDowell

- Manager of Sustainability, The Detroit Zoological Society since July 2021
- Spent prior 13 years focused on Great Lakes conservation and sustainable site design
 - Landscape Architect

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AGENDA

1. Program Overview
2. Eligibility
3. Program Awards
4. Schedule
5. Entry Requirements
6. Scoring Rubric
7. Areas of Emphasis
8. Recommendations
9. Q+A



PROGRAM OVERVIEW

INSPIRATION

- ArtPrize
- Monetary award (grant) to support a student-led initiative

INTENT

- Sustainability focused
- Engage youth / student-led
- Inspire critical thinking about systems, resource management, conservation
- Leadership
- Partnerships / networking

INFORMATION

- <https://detroitzoo.org/greenprize-2022-2023-award-program/>
- MI Green Schools Program
- Community – school or extended community that students belong to

REGENERATIVE >>> SUSTAINABLE

LEARNING | LOVING | HEALING | ELEVATING



CONSERVATION



RESTORATION



RE-CREATION



INTEGRATION

Supporting natural systems: functions & processes

ELIGIBILITY

OAKLAND
COUNTY

MACOMB
COUNTY

DETROIT ZOO

Future home of:
THE GREAT LAKES
CENTER FOR NATURE

BELLE ISLE
NATURE CENTER

WAYNE
COUNTY

1

Middle and
High Schools

2

Tri-Counties

3

Green Team

- Must be student led
- Focused on nature and people
- Regular meetings
- Proof of participation (if asked)

4

Advisor

INELIGIBLE ACTIVITIES

- Adult effort and resources exceed those of the students
- Benefits limited only to an individual or exclusive group
- Purchase of tools, equipment, or goods that are not used for a community-based project
 - Tools and supplies may be purchased for on-going activities, however, at least one event / workday must be performed

PROGRAM AWARDS

PHASE 1: FUNDING

- \$4,500 total
- The committee anticipates awarding five awards totaling \$1,500 per county distributed per award jury decision (i.e. based on quality and number of submittals) :
 - One honor award: \$500
 - Three merit awards: \$300
 - One honorable mention: \$100

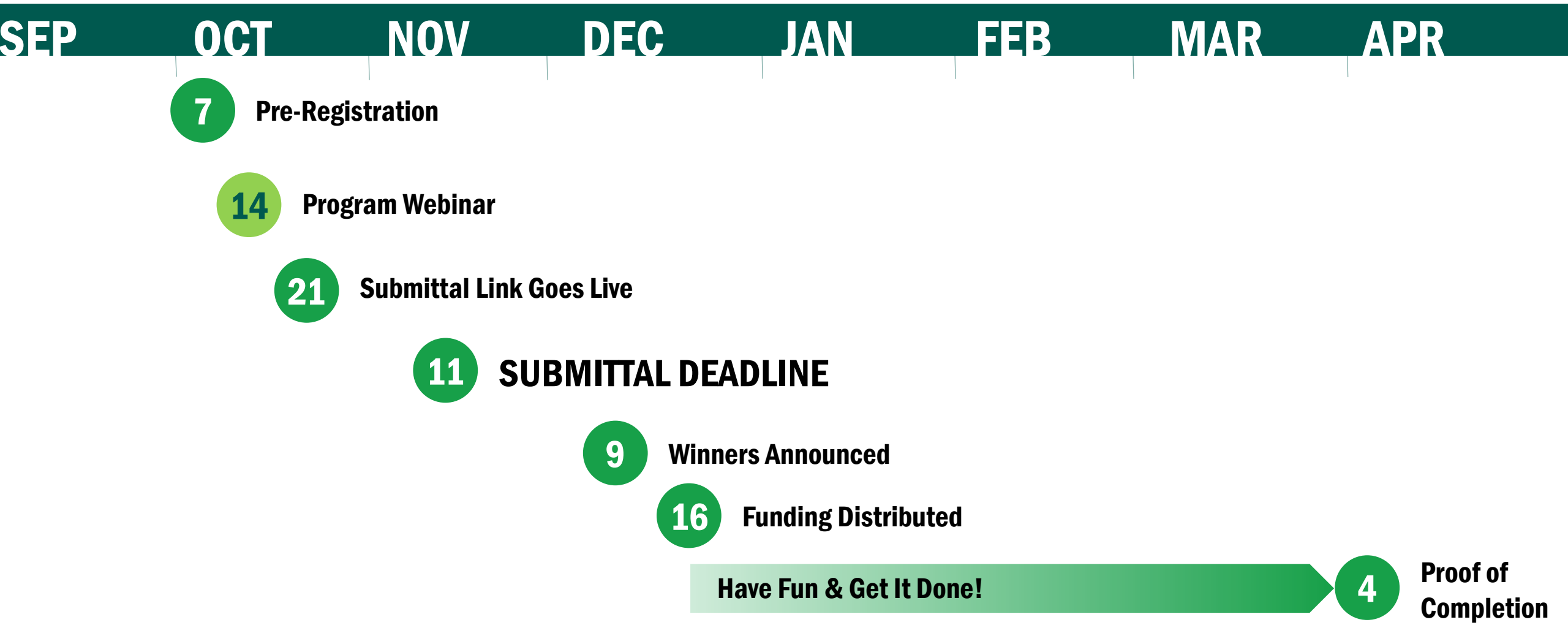
PHASE 2a: DAY AT THE ZOO

- Complete your project as intended and receive a free trip to the Zoo with all Green Team award winners
 - Tentatively scheduled for the week of May 1st
- Must submit records of Green Team meeting notes (monthly records at a min)

PHASE 2b: ADDITIONAL PRIZE

- Submit a short slideshow presentation explaining project results
- Top three projects will be chosen and awarded their final prizes, including being featured on the DZS website

SCHEDULE



Website: <https://detroitzoo.org/greenprize-2022-2023-award-program/>

ENTRY REQUIREMENTS: PHASE 1

POSTER

- Digital submittal
- Emphasis on visual communication - Minimize the use of words
- The DZS may choose to share publicly

NARRATIVE

Choose a project description format:

- a) One-page written description of the project (size 11 Arial font)
- b) 2-minute video
- c) Slideshow presentation (3 slides)

BUDGET

- Breakdown of anticipated expenses. Demonstrate thoughtfulness of the project and ability to implement

SCHEDULE

- Submit an anticipated schedule to prepare and execute the project.
- Projects are encouraged to be completed by April 1, 2023.

LETTER OF COMMITMENT

- From a faculty member or parent acting as an advisor stating their commitment to help lead the Green Team and implement the project

SCORING RUBRIC

Demonstrates a need of the school or community will be met [20 pts]

Spell out the problem statement

Impact on healing the environment and community (regenerative impact) [20 pts]

Identify planned metrics to measure success

Feasibility to implement [20 pts]

Plan, Schedule, Budget

Creativity [40 pts]

Don't hold back!

RECOMMENDATIONS



HOW WE DO IT

- Make a plan
 - Create a framework based on a systems approach
 - Define the goals, metrics, indicators of success
- Committees
 - Champions and support teams



ENERGY SYSTEMS

WATER SYSTEMS

WASTE MANAGEMENT

LANDSCAPE MANAGEMENT

STORMWATER MANAGEMENT

EDUCATION & ADVOCACY

COMMUNITY ENGAGEMENT

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SYSTEMS THINKING: MANAGEMENT OF RESOURCES

- Waste
- Energy
- Water
- Stormwater
- Living systems
- Carbon
- Food + Nutrition
- Material
- Transportation

Roof Drainage to Rain Garden



Green Roof for Stormwater



Native Species & Chemical Management



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USE THE DESIGN PROCESS TO PLAN THE “LIFE OF THE PROJECT”

- Life of the project

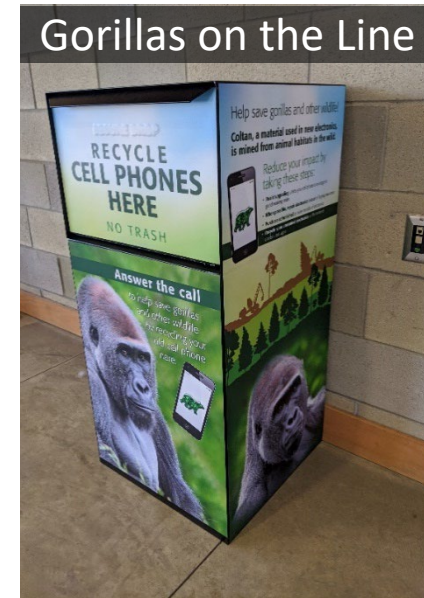
- Analysis
- Planning
- Preparing
- Executing
- Documenting
- Reporting

- SWOT analysis

- Organize around the group’s **STRENGTHS**
- Plan for managing the group’s **WEAKNESSES** so they don’t distract from success
- Focus on a key **OPPORTUNITY** at the school or in the community
- Identify potential **THREATS** that can derail the project from success – find another project, or identify work arounds

AREAS OF EMPHASIS

- Effectively supports healing and a positive relationship between people and nature
- Done in service of natural systems and the larger [school] community
- Starts or reinforces best management practices (BMPs)



IDEAS FOR ENTRIES

- Tree plantings
- Rain garden (plants)
- Reuse / repurpose / recycle drive
- Tours with an event tied to lessons learned
- Food access
- MI Green Schools Program
- TerraCycle free collections spot
- Upcycling waste to usable amenities
- Events
- Art in the landscape
- Land art that leads to applying best practices
- Vegetated green wall

QUESTIONS



THANK YOU + HAVE FUN!

Andy McDowell

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