



## Maryland Outdoor Learning Partnership (OLP) College and Green Careers Working Group Meeting Minutes

Date and Time: Wed, August 13, 2025, 1:00 – 2:30

Video call link: <https://meet.google.com/kbq-xygp-xoo>

### Attendees

Will Forester (Working Group Co-Chair), Adam Frederick (Working Group Co-Chair), Stephanie Tuckfield, Emily Morrow, Lisa Jones, Lyndsay Silva, Amy Sawyer, Bart Merrick, Joanna Pi-Sunyer, Susanne Richards, Joshi Swapnil, Olivia Wisner

### 1:00-2:00 Recommendation Feedback

[CGC WG Recommendation Template](#)

Recommendation #1:

“develop an AI modeling program to help construct learning and building tools to specific for Maryland”

Feedback:

- We have a model developed and we are looking for pilot it with other agencies which is an action but would need to be a recommendation due to the potential ask for funding.
- Think of it as a multi staged recommendation- involving K-12 students to utilize it?
- Is the recommendation going to mention this staged approach?
  1. Develop a Pilot Tool,
  2. Provide examples of outputs from the tool that serve the OLP and CGC,
  3. Find a home for the model in a state agency that has the ability to host the compute technology (GPU's)
  4. Find pathways that involve the use of the model in county school programs like P-Tech that connect high schools with community colleges and careers
  5. Provide supporting teacher and administrator professional learning to understand the use of the AI model
  6. Connect to Maryland's Blueprint
- Since this is built and we have added some information to it. Do we have outputs?
- This may be more challenging for the broader group to understand and accept
- It would be great to have a demo document three to have as supplemental materials so that people can really understand what we're going for. Lesson plans for fourth grade is a good one

- Would love to see a resource for schools to use for career days too. Who can they contract about coming to ES, MS, HS?
- P-tech is a model that connects students to a community college that students could get a Associates
  - <https://marylandpublicschools.org/programs/Pages/ptech/index.aspx>
  - There are pathways at the state level to for hosting
- When we are explaining the reasoning for this, I think having an example is important. I wanted to share that I went to a conference last week and the keynote speaker spoke on AI and the use in tech and eventually GIS - in the broad sense - but he used the example of the printing press that increased literacy back in the 15th century since the access of books increased. He eluded to today's AI and how that would be our printing press, giving access to the knowledge.
- Having the correct messaging around it would help the explain to the rest of the partnership
- Include the idea that we have tested it and include that thought process in the description

## Recommendation #2

Developing a new Career and Technology Education (CTE) pathway (selection of current courses / clusters for a 2-yr pathway) for students in "Environmental Management, Sustainability and Technology"

## Feedback:

- There is currently a lack of Environmental Sustainability, tech, management IRC for high school
- YCI has a climate certification but it's not an IRC
- Broadneck has a drone certification that they are connecting to Environmental work
- There is currently a Sea Grant staff putting together a graphic showing the environmental pathways
- The CTE pathways with blueprint and the 45% (HS graduates) finish HS with career connected experiences (e.g., work-based learning (apprenticeship), dual-credit courses (HS and College Credit), and participation in CTSO (career technical student organization))
- IRC - Leadership in Energy and Environmental Design (LEED) Green Associate Credential
- With the student service hours its a large number and they need help on places to go is this a way that we can get them thinking about these types of jobs during that time
  - These tools would help to garner this information and share it with
- <https://marylandpublicschools.org/about/Pages/DCCR/guidebooks.aspx>
- Could we recommend adding an environment area in each guidebook? (+3)
- a quick look for environment in these guides and just noting in MS, env. stuff shows up.
- There was a meeting that SWD are being left out of these opportunities (consider this when thinking more about it) All students are able to participate
  - Add research into document for rationale
- The beauty of MD is we are local controlled LEAs...so state objectives, standards frameworks as bridge to wire-framing (shaping pathways) so that 2026/2027 LEAs are the controllers of how things are met so it is a great time to setup resources for educators and schools to be able to choose for creation/production (e.g., curriculum, IRC, adding environmental literacy infused in to portrait of graduate).

### Recommendation #3

Maryland moves to adopt 4 science credits for graduation to keep pace with the need for advancing STEM areas that support the advancement of College and Career Ready opportunities

- What are the implication on the school systems?
- Yes, we want to advance science, e. lit and are behind other states
- We need support within the science ed community to advance this

### Recommendation #4 (action)

Revise the Career Guides

- Seems really doable and will require a small group of people to revise

### **2:00-2:20 Recommendation Rationale**

- Notes are incorporated above

### **2:20 – 2:30 Public Comment Period**

Strong Schools Maryland <https://www.strongschoolsmaryland.org/blueprint4md> had a meeting a couple weeks ago. They were started to get the Blueprint passed. Now that its passed, they are continuing to ensure it is being implemented. There is a pillar for Colleges and Career Readiness.

**Meeting Closed at 2:58pm**