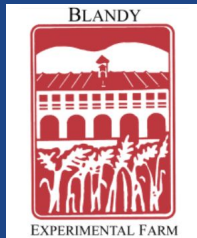
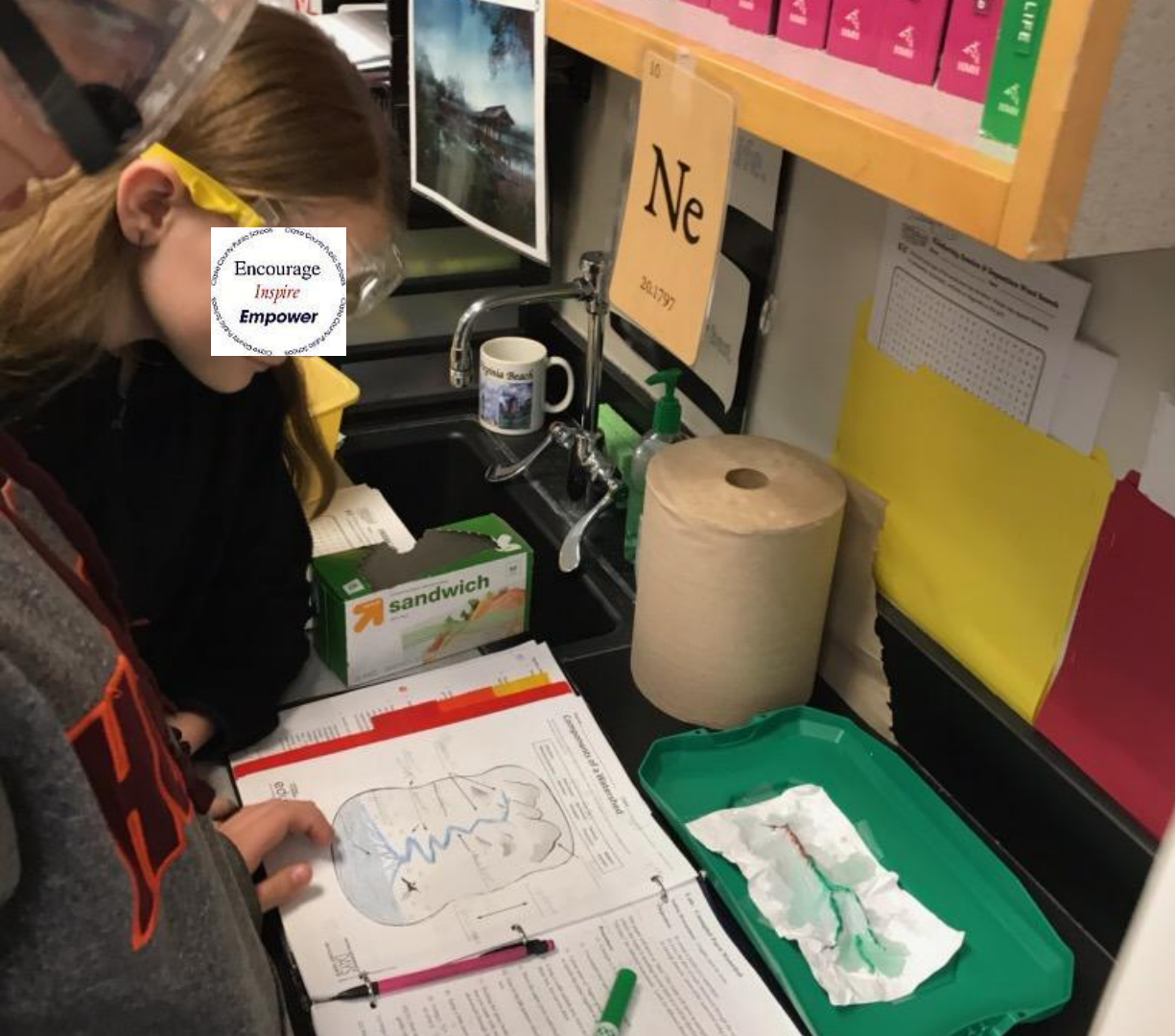


Collaboration for Impact: Modeling an Integrated Partnership

Doni Hays, Middle School Science Department Chair,
Clarke County Public Schools
Lillian Ledford, Environmental Educator, UVA's Blandy
Experimental Farm





Classroom
laboratory
experience is
essential...

6th grade students build and test
watershed models.
photo by Doni Hays

But a MWEE needs field experiences, too!



Encourage
Inspire
Empower

6th grade students conduct
wetland site analysis.
Photo by Lil Ledford

How many of you have partnered with a school to create learning experiences for students and/or teachers?



No, and we have no plans to do so



Not yet, and we would like to do this



Yes, but infrequently



Yes, on a frequent basis



Yes, this is what we do



4th graders feed their trout in the classroom.
Photo by Pam Seekford

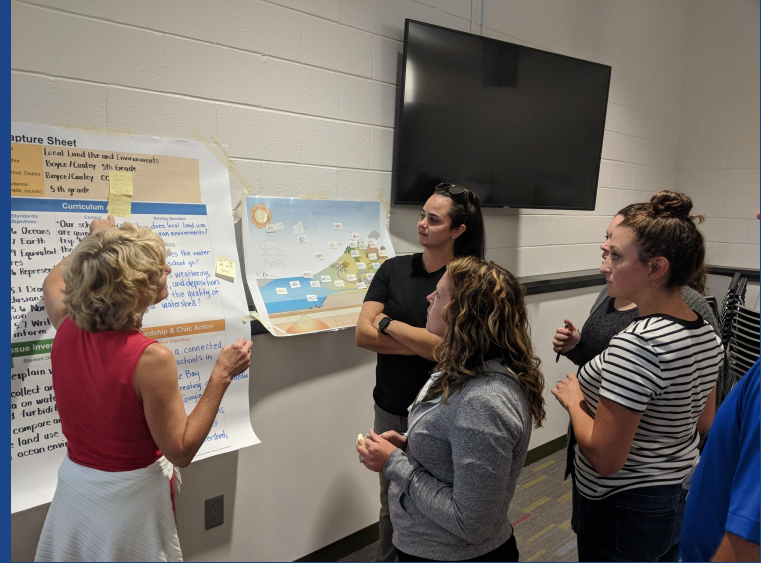
Why are you here?

To explore components of a successful collaboration



CCPS 4th grade teachers presenting at ASCD poster session

An opportunity to outline potential partnerships



CCPS 5th grade teachers share their MWEE plan at the first division-wide professional development.



Clarke County Public Schools, Virginia

1960 students; 4 schools

MWEE Project Partner:
UVA's Blandy Experimental
Farm

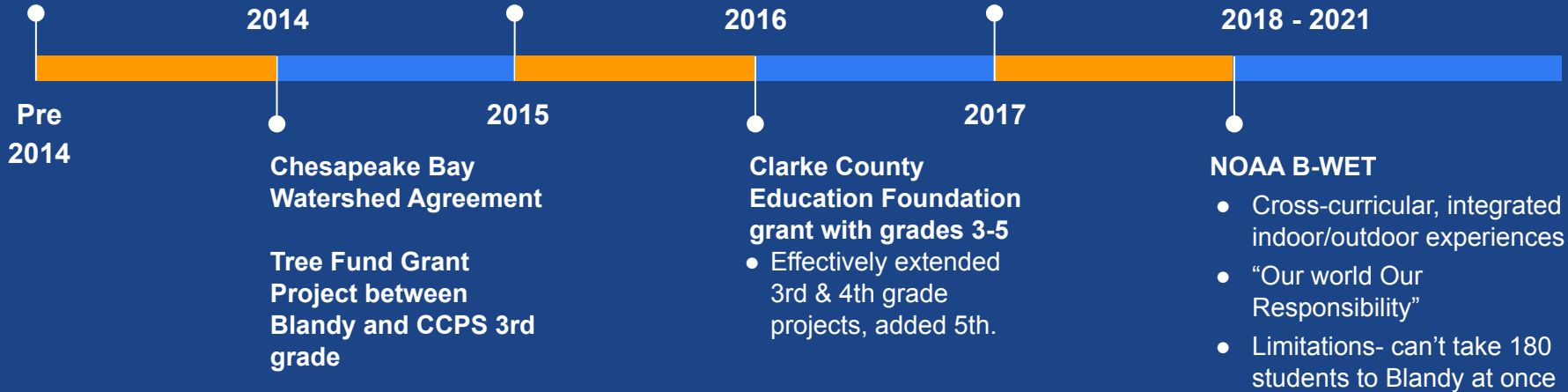
Our Shared History

Blandy Education Programs

- Blandy serves as a resource for outdoor science education

Clarke County Education Foundation extends 3rd grade Tree Fund project

Chesapeake Bay Trust grant project with 4th grade



Blandy's Strengths

- Knowledgeable / Flexible Educators
- Broad understanding of VA Science Standards
- Bank of editable / leveled activities



- Site with cross-curricular possibilities
- Outdoor Teaching Expertise

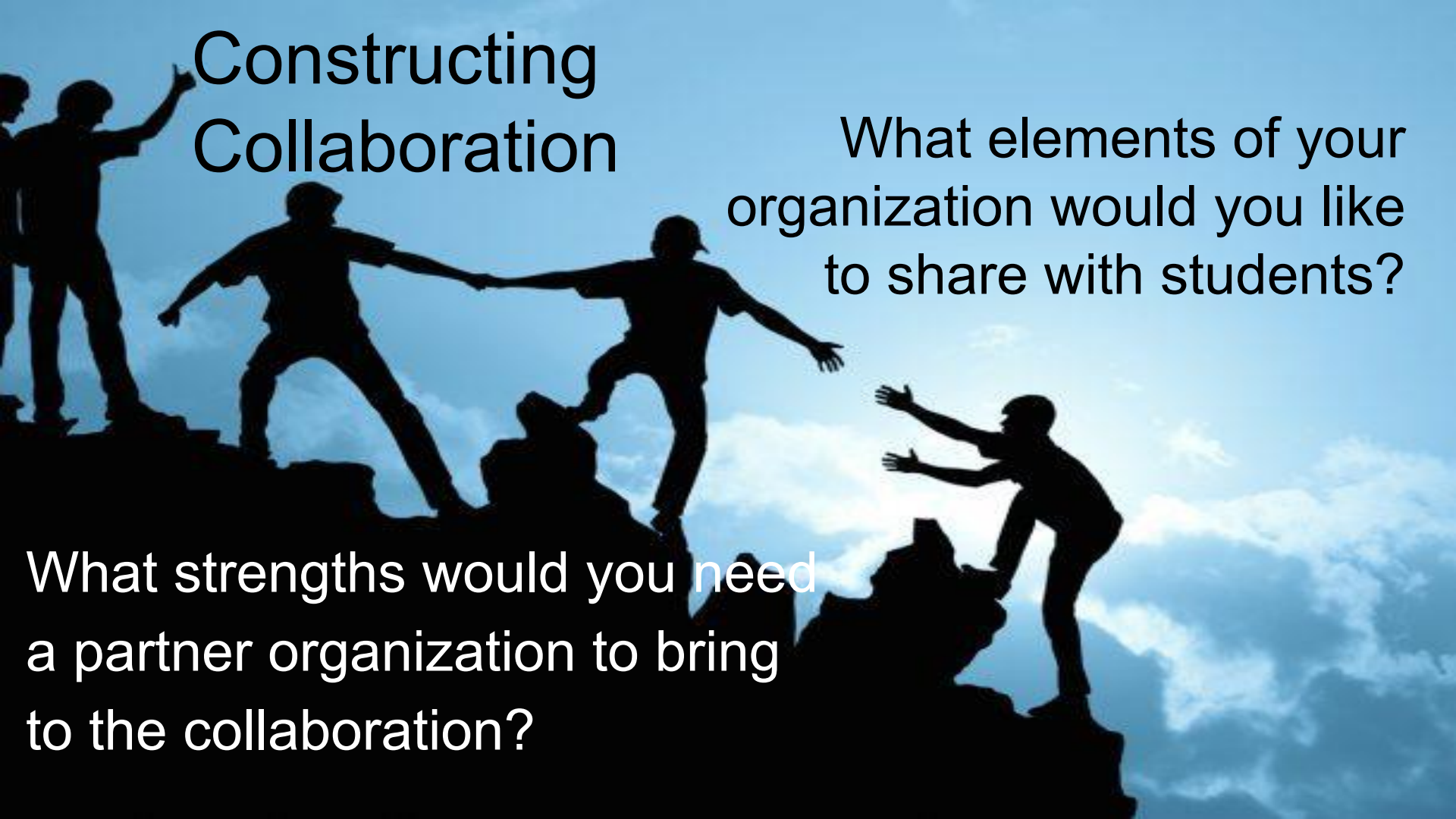
CCPS Strengths

- Relationship with the students
- Deep grade-level content knowledge
- Passion & Enthusiasm



- Collaborative attitude and growth mindset
- Formal educational experience
- Department level infrastructure, resources, and support

Constructing Collaboration

The background of the slide features a blue sky with scattered white clouds. In the foreground, the dark silhouettes of several people are shown climbing a jagged mountain peak. One person on the left is reaching up, another in the center is holding hands with a person on the right, and a third person is reaching out from the right side towards the center. The overall scene conveys a sense of teamwork and overcoming challenges.

What elements of your organization would you like to share with students?

What strengths would you need a partner organization to bring to the collaboration?

To Engage in This MWEE, Students Will...

Engage in a two-day "Event" scheduled near the end of the year so that foundations are built in multiple classes.

Follow up activities through the remainder of the school year.

Four learning stations at school

- Multi-media text set
- Stewardship & Conservation
- Historical exploration of the Bay watershed
- Watershed Model

"Exit Ticket"



Four learning stations at Blandy

- Water Chemistry
- Aquatic Macroinvertebrates
- Historic Water Resource Analysis
- Site Analysis

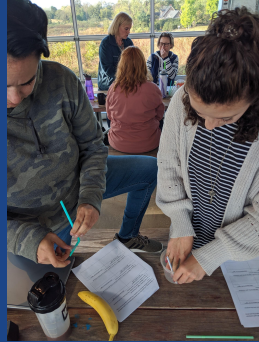
"Exit Ticket"



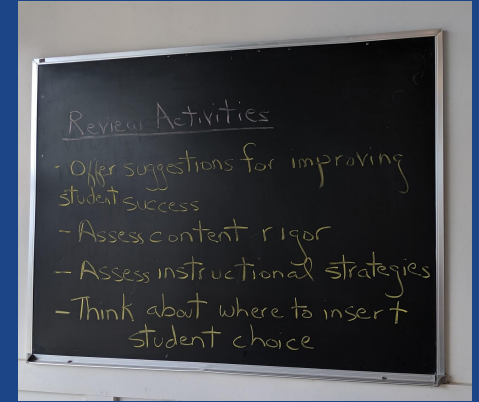
- Absolutely avoid the "one and done" field trip experience
- Must be connected to multiple standards in multiple classes
- Example: [My life as a Water Droplet project](#)
- Include an "action project"

Planning and Partnership Support Student Learning

Pre-experience PD & workdays



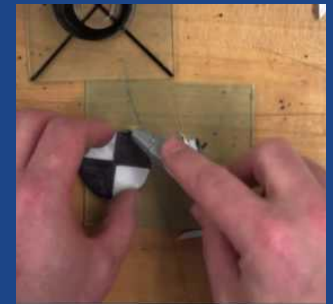
Post-experience
collaborative
evaluation, review,
and adjustment



Joint learning experiences



Available for ideas, questions, resources



Putting it all together: Location + Content

How familiar are you with Virginia's Standards of Learning?



What is **unique** about your setting that would promote learning in multiple content areas?

Thank you!



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