

Outside Opportunity Brief Description

Name: Taylor Geminetti	Cycle Theme: Connections
Content Area: Natural World	Specific Academic Unit: Cells

Briefly explain in the box below the outside opportunity you are planning to include in your cycle of study.

- **Where will you go? (or who will you bring in?)**
- **How does it relate to your academic content and/or the cycle theme?**
- **What type of work will students be doing and how will they be assessed?** (see possible examples below with potential assessment options in parentheses)

- *BioBus comes to The Hockessin Montessori School*
- *We have a unit on cells. Cells are what connect each and every living thing to itself and all other living things, thus relating to the theme of connection.*
- *The BioBus is a science lab with microscopes on wheels.*
- *Student Work*
 - *Develop hypothesis.*
 - *Make observations through microscopes.*
 - *Scientific discovery with scientists*
 - *Taking notes to use in preparation of a presentation to the class..*
 - *Journal reflection after the on-site field trip.*
 - *Create a presentation to the class about what they learned during their experience and how it relates to the academic content and theme of the cycle. (Assessment)*

Contact Information: Please include all information needed -- e.g. Location phone number or email address, transportation contact info, if you are contracting with additional personnel (e.g. canoe rental, etc.), provide their contact info as well

BioBus
646-580-9444
learning@biobus.org

No Transportation Needed
Taylor Geminetti – Middle School Director
302-234-1240
tgeminetti@thehms.org

What tasks need to be done before this is ready to go? Things to consider:

- Booking date with organization
- Board or administrator approval
- Submitting purchase order
- Communication to families
- Permission slips
- Fee collection
- Etc.

- *Approval from the Board and Head of School*

- *Ordering of museum passes*
- *Permission slip sent to families*
- *Fundraising endeavors throughout the school year*
- *Remaining fee collection from families*

I would love for the students to have the opportunity to participate in this on-site outside opportunity during their cycle of study. During the cycle, students will be learning about the cell, its structure, and the importance of the different types of cells. The BioBus is a mobile science lab where students can work with real scientists to make discoveries about cells through microscopes. The theme of this cycle is “Connections”. Cells play an important role in that theme as they are what connect all living these to each other. This on-site outside experience connects directly to Delaware’s state standards related to science for middle school students. Students need to be able to participate in real-world experiences that relate to their current field of study. Being able to apply what they learn in the classroom to an event in the real world will help them absorb the information and fully understand why it is important information to learn.