

MICROMONSTERS

Independent Study: Microbiology & Macroinvertebrates



Perlotid stonefly larva

Dear Parents, Teachers, and PEAKers,

HMS students got a VERY up close and personal look at aquatic macroinvertebrates of Montana last week. Using hand lenses and dissecting microscopes, lab partner pairs examined actual samples of insects from MT DEQ's official specimen collection. They then used field identification guides to determine what each species was. We learned that there is incredible diversity of life in Montana's waters! CRA students will get to experience this lab on Monday.

Students also started their model building for their Independent Study projects. It was exciting to see all the various materials, such as clay, cardboard, papier mâché, and even 3D printing. These models will be made at accurate scales and will help to demonstrate the students' knowledge of their very own Micromonsters!

We'll continue on with internet and book research, picture gathering, citing of sources, and model work this week. Students are using the online EasyBib tool to format their bibliographies properly.

Lastly, we're gearing up for an INCREDIBLE two-day trip out of town to do some real-world microbiology **April 27-28!** (See the calendar). We'll be headed to the University of Montana's Flathead Lake Biological Research Station and the Salish Kootenai College to work with some incredible scientists!

This Week's Activities: March 20-24

Research: Internet I can effectively conduct internet research safely and appropriately and properly cite my sources.	Worldwide Search - Students will continue internet research on their individual topics, including proper citations of sources using EasyBib.
Research: Printed Materials I can gather relevant information from various print source types with little to no teacher guidance, including proper citations.	Model Citizens - Students will use Natural History and applied math to design and build accurate and authentic scale models of their microorganisms and macroinvertebrates.
Research: Internet I can effectively conduct internet research safely and appropriately and properly cite my sources.	Micro Slideshow - Students will continue collecting images to display during their presentations. They will also properly cite their sources.

Zooming in for more Focus,

J. Slead

PEAK GT6-7: Spring 2023

March 20 CRA: Lunch Advisor	21 HMS: Lunch Advisor	22 CRA: Lunch Advisor	23 HMS: Lunch Advisor	24 CRA: Lunch Advisor
27	28	29	30	31
SPRING BREAK				
April 3 HMS: Lunch Advisor	4 HMS: Lunch Advisor	5 CRA: Lunch Advisor	6 HMS: Lunch Advisor	7 CRA: Lunch Advisor
10 CRA: Lunch Advisor	11 HMS: Lunch Advisor	12 CRA: Lunch Advisor	13 HMS: Lunch Advisor	14 CRA: Lunch Advisor
17 HMS: Lunch Advisor	18 HMS: Lunch Advisor	19 CRA: Lunch Advisor	20 HMS: Lunch Advisor	21 CRA: Lunch Advisor
	Final Presentations: HMS Tues., CRA Wed. More details coming soon!			
24	25	26	27	28
			Seminar 7: HMS & CRA Flathead Lake Bio Station Salish Kootenai College	
May 1 CRA: Lunch Advisor	2 HMS: Lunch Advisor	3 CRA: Lunch Advisor	4 HMS: Lunch Advisor	5 Vigilante Day 11am Dismissal No PEAK Class
8 HMS: Lunch Advisor	9 HMS: Lunch Advisor	10 CRA: Lunch Advisor	11 HMS: Lunch Advisor	12 CRA: Lunch Advisor