Kelleys Island Collaborative Cohort II

ACTIVITIES IN BRIEF (JUNE 12-16 2017)

June 12  
8:00 am  Teachers carpool to Marblehead – Kelleys Island Ferry Boat Line (510 West Main Street, Marblehead, OH (419) 798-9763)

9:00 am  Catch ferry to island (grant will cover cost)

9:30 am  Arrive Kelleys Island. Luggage into van, teachers into golf carts, travel to field station. Check in, tour of facility, policies and procedures (Beth Witte, KIFS).

10:15 am  Great Lakes My World: Lesson 1 combined with self-guided scavenger hunt (Destinee Hinton, Alliance for the Great Lakes).

12:00 pm  Working lunch – Introduction to The Death and Life of the Great Lakes (Jim Bader, CWRU)

1:00 pm  Interactive session on nutrient control and harmful algal blooms. Develop testable statement and experimental procedure; introduction to Cyanomonitoring Citizen Science project; prep for field work, connect to standards, visit to lake to practice with equipment. (Jim and Kirsten Mahovlich, CMSD)

4:00 pm  Free time

5:30 pm  Working dinner

7:00 pm  Great Lakes My World: Lesson 2 (Destinee)

9:30 pm  Personal planning time

June 13  
8:00 am  Breakfast

8:45 am  Depart for charter boat at Casino dock.

9:00 am  Charter departs. Each teacher team completes their sampling. In addition, we need to make sure we collect samples that are compliant with the Cyanomonitoring protocols.

12:00 pm  Charter returns to port. Clean up and store samples.

1:30 pm  Process samples from the morning excursion. Each team prepares a poster and makes a presentation on the days work. Includes some
discussion on how the content can be incorporated into the student experience. (Jim)

4:00 pm Free time/East quarry geology for those who want to
5:30 pm Appreciation dinner out on the town
7:30 pm Great Lakes My World: Lesson 3 (Deep Paul, CMSD)
9:30 pm Personal planning time.

June 14
8:00 am Breakfast
9:00 am Water Filtration Challenge (Jim)
12:00 am Working lunch – Book discussion 1 (Jim)
1:00 pm Glacial grooves and alvar plus discussion of how to develop a glacier experiment or hands-on activity for use in the classroom. (Jim)
3:00 pm Pack and head to ferry
3:30 pm Depart ferry for mainland
4:00 pm Head home – dinner on your own

June 15
9:00 am Meet at Watershed Stewardship Center at West Creek (2277 W. Ridgewood Dr, Parma, OH 44134) (Joe Higgins, Cleveland Metroparks)
  • Behind the scenes tour of the building
  • Tour of some of the storm water management strategies
  • Stream table simulate scenarios we might see in the field
12:00 pm Hike to Center Park for catered lunch; botanizing, geologizing, and generalizing along the way.
1:00 pm Habitat assessment – physical and chemical
  • Bank Erosion Habitat Index (BEHI)
  • Water chemistry
4:00 pm Reflection and journaling

Jun 16
9:00 am Data literacy (Ebony Hood, NEORSD)
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12:00 pm  Working brown bag lunch – Book discussion 2 (Jim)

1:00 pm  Water Warriors (Kelly Siman and Bana Khakipoor, University of Akron)
  •  Spectrometer make and take

3:30 pm  Schedule for fall visit

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