

Advances in the Geosciences

April 16, 2016

How scientists work to understand the Earth is a one-day workshop for MAT teachers and their students.

The goals of the day:

- To learn how do scientists work to understand the Earth
- To strengthen your understanding about the Earth by studying igneous rocks
- To use the Museum as a resource to learn about Earth science
- To engage with other students and colleagues from other NYC schools

8:30 - 9:00 a.m.	Breakfast
9:00 - 9:20 a.m.	Brief Introduction for the Day Icebreaker Activity- (Earth science Bingo game) Groups- Four groups (A, B, C, D)
9:20 – 10:20 a.m.	Hall of Planet Earth Investigation with Group Jim would give a 5-7 minute overview with the group. Using the guiding questions, students gather evidence. 4 stations –
10:20 – 10: 40 a.m.	Volcanic Rocks: VTS Warm -Up Activity: Sketching, Observations and Inferences
10:40 – 11:20 a.m.	Science Café Style Talk with Dr. Jim Webster
11:20 a.m. – 11:50 a.m.	Lunch
12- 2:00 p.m.	Using the Museum for Learning: Scientific Research and Exhibitions Directions for Afternoon Activities

Time	Group A	Group B	Group C	Group D
12-12:30	1 Jim's Lab	2- Gems and Minerals	3 Checking In	4. VTS and or Cultural Hall
12:30 -1	2. Gems and Minerals	3 Checking In	4. VTS and or Cultural Hall	1. Jim's Lab
1- 1:30	3 Checking In	4 VTS and or Cultural Hall	1. Jim's Lab	2. Gems and Minerals
1:30- 2:00	4 VTS and or Cultural Hall	1 Jim's Lab	2. Gems and Minerals	3. Checking In