



Volunteer Information

www.mathandsciedu.com

General Expectations

Volunteers may sign up for a topic (relating to STEM) and timeslot that they are available to teach in. They may also indicate which days of camp they are able to attend and the person(s) they are teaching with (optional). Once they receive a confirmation email, they must prepare a 1-1.5hr lesson to teach at camp.

Volunteers are encouraged to bring friends and teach in groups -- everyone in the group will receive the full amount of hours. Generally, it also makes the teaching process a lot more enjoyable.

If volunteers need to purchase any materials for the lesson, they can message one of the officers, who will approve the expenses. We will then reimburse the volunteer for any materials bought.

A week or so before camp, volunteers must send in their presentation/powerpoint/whatever is prepared to the co-presidents of the camp.

Don't worry if this seems a little overwhelming -- we will be sending out reminders of upcoming deadlines!

Advice for Teaching

- 1) Remember to leave time for the students to ask questions.
- 2) Most of the students are between 10-12 years old, so remember to make your lesson engaging and interesting.
- 3) Generally, lessons with a fun activity at the end are liked more by students. For example, when we taught aerodynamics, we had a paper airplane contest; for ecology we helped students fold origami of different animals in an ecosystem, and for our cryptology lesson we let students decipher different encrypted messages. If you can't think of an activity, generally jeopardy or other kinds of retention quizzes are super effective!
- 4) In order to encourage participation, volunteers in the past have brought in small prizes, like candy, to reward kids. (MASE will cover all pre-approved expenses!)

For more information, email us at mathandsciedu@gmail.com or join our Facebook group @ <https://www.facebook.com/groups/mathandsciedu/>