

PAN Teacher Deliverables

During your time at MSU's Physics of Atomic Nuclei summer outreach program, we want each teacher to take away with them an educational tool (referred to as a "deliverable") that is relevant to your classroom or your educational environment.

The deliverable can be a poster, a lesson/activity, or a demo that **will be shared** with present PAN teachers as well as **accessible to past and future PAN teachers** from the PAN wiki. It can be produced alone or with a group. Your completed deliverable must be provided to Zach as one or more digital files.

- Posters (40"x36") need to capture what you or your group find most useful to communicate about the experiment(s), lectures, events and activities of PAN. It should include a photo of you or your group.
- Lessons/Activities can conform to district template or International Baccalaureate format for IB schools. The lesson or activity could exist in your current curriculum or be a supplement if time and/or curriculum director or district allows.
- Demonstrations can be related to a topic discussed at this PAN program. There needs to be a write-up for the demo (with helpful images/schematics if possible) in digital format for future PAN teachers. Also, please check with Zach and Caleb for possible materials and/or safety concerns prior to creating the demo.

For examples of past PAN deliverables, see the [Lesson/poster shared drive](#) (linked on your PAN wiki).

The filename(s) must include your last name(s), intended audience, type of file, and any descriptive text you wish. For example:

Constan HS Physics poster black holes.ppt

Posters need to be done by Thursday before leaving to ensure printing time. All other deliverables need to be done prior to 1pm on Friday, when each person and/or group will present them.