

Project Teacher Tasks

All teachers participating in the MSOSW project need to complete the following tasks to complete the project successfully.

1. Collect Pre-Test data (both students and teachers) at the beginning of the school year (mid Sept. – mid Oct.).
2. Set up teacher account in *Whyville* at whyville.net.
3. Join the wikispaces site at msosw.wikispaces.com.
4. Introduce Unit – Send students home with project information and permission forms.
5. Teach the safety lesson.
6. Have students do the Plug-in Appliance Inventory using the worksheet provided.
7. Have students return inventory. Discuss with class and narrow down which 15 - 20 items you will have the students select to measure their 5 appliances with the Belkin devices. The teacher will use the electronic version of the provided worksheet (spreadsheet) to fill in the appliances their students will be measuring based on the inventory returned. Select 15 and have the students measure the ones they have at home. It may be only 5 of those listed but that is okay.
8. Look at returned lists and based on what students have at home, assign them in groups of 4 to use the Belkin devices to measure for a 24-hour period at 1-minute intervals.
9. Students will measure the assigned appliances (parent will sign off on this). The students will return data collection worksheets.
10. After all students have finished monitoring with the Belkin device, compile the data into the provided spreadsheet and upload to the project wiki (msosw.wikispaces.com).
11. Discuss “what if” projections and how students can make a difference.
12. Have students create a public service announcement to educate others.
13. Have students share their career exploration findings.
14. Collect post test data (both students and teachers)

Be sure to video segments of the project and/or interviews of students telling what they learned. Upload those on project wiki site (msosw.wikispaces.com).