

AAS Workshop Materials Checklist

All workshops:

- Copies of:
 - the Sign-in sheet/waiver form
 - the appropriate manuals (optional)
 - the PowerPoint Presentation (optional)
 - extra copies of the data forms
 - the appropriate tests (and a key)
 - the 'Who to Call List'
- Pens/pencils
- AAS Introduction Video, *It all begins with you*. This is on the website and can be found with a search on [YouTube.com](https://www.youtube.com).
- Clear container or whirl-pak to teach the visual observations
- Projector, computer, screen, power cords, PowerPoint on flash drive (if needed)
- Dry erase board (optional)
- Clip boards (if available)
- Drinking water for volunteers (in hot conditions)
- Trash bag to pick up litter
- Waders, boots, or old tennis shoes
- AAS Event location signs
- First Aid Kit

Visual/Watershed Monitoring:

- Watershed Walk Video
- Copies of a topographic map (colored copies work best)
- Aerial photographs (nice to have if you can get them)
- Copies of a land use map with the same location and scale as the topo map
- Extra copies of the Watershed Survey and Visual Survey forms
- Orange (yes, the citrus fruit)
- Tape
- Tape measure
- Measuring stick
- Twine
- Line level
- Pebble sizer
- Calculator

Chemical Monitoring:

- Chemical testing kit for appropriate parameters & instructions (usually 2 volunteers per kit)
- Waste jugs
- Rubber gloves & safety glasses
- Conductivity Meters & Calibration Solution (Stream and Lake workshops)
- Refractometers & Calibration Solution/Distilled Water (Coastal workshop)
- Secchi Disks (Lake and Coastal workshops)
- Bucket with rope (if sampling from a bridge or in deeper water)

Macroinvertebrate Monitoring:

- Aquatic Macroinvertebrate Field Guide for Georgia's Streams
- D-Frame and Kick Seine Nets for field demo and practice
- Set of macros for identification practice
- Test macros for identification section (20)
- Spoons, forceps, hand lenses, petri dishes, sorting pans, ice trays, bucket(s), small pieces of screening
- Pitcher or jug for rinsing out macros from nets into sorting pans
- Rubber gloves (optional)

Bacterial Monitoring:

- Whirl-pak® bags and permanent marker for labeling
- Distilled water to demonstrate a blank
- Gloves
- Cooler with ice
- 3M Petrifilm™ plates for practicing plating
- Pipettors and sterile pipette tips
- Plastic cups or other sample holders
- Incubator with digital thermometer
- Disinfectant for before and after plating
- Calculators