Site Setup
1. Locate assigned site using GPS and mark with a float.
2. Lay a 25 meter transect in the designated direction.
3. Complete Site Data Sheet – be sure to fill in all of the fields!

Benthic Habitat Survey
1. Fill out the header information on the Benthic Habitat Datasheet.
2. Choose a side to survey (Left or Right) and place the quadrat at the 1m mark on the transect.
3. Identify the benthic cover type under the 6 intersecting points and record on your datasheet. Be sure you have all 6 before you move on.
4. Move the quadrat to the next meter mark on the transect and repeat step 3 until you have completed 25 quadrats.

Benthic Photo Quadrats
1. Work along the same side chosen for the Benthic Habitat Survey.
2. Place the photo quadrat frame at the 1m mark on the transect.
3. Take a photo. Verify that the photo is clear. If it is not, take another photo before moving on.
4. Continue to take photos at every meter mark until you reach 25m.

Macroinvertebrate Belt Transect Survey
1. Fill out the header information on the Macroinvertebrate Datasheet.
2. Swim slowly along one side of the 25 meter transect looking for macroinvertebrates within 1 meter of the transect (use the meter stick to verify the distance). Be sure to look under ledges, in cracks, and holes.
3. Identify each animal within 1 meter of the transect and record it on your macroinvertebrate datasheet.
4. Repeat steps 2 & 3 on the other side of the transect.

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Species photos provided by Dave Burdick. For more see: http://www.guamreeflife.com