

Climate Change Adaptation and Mitigation module



List of materials

Material per teacher:

- Printed version of “Teaching Material”
- Presentation files for each session (if laptop and projector/beamer are available) or laminated printouts of figures and plots
- Calculator

Laboratory equipment for demonstration (if available):

- Thermometer (digital or analog)
- Pluviometers
- Hygrometer or psychrometer

Material per student:

- Printed version of “Student Worksheets”
- Calculator
- Pen or pencil
- Ruler for graph

Material per class:

- Thermometers (digital or analog) (minimum 2 thermometers)
- Plastic bottles (1.5L) (minimum 6 bottles)
- Plastic wrap or transparent plastic bag (1 or 1 per group of students)
- Elastic band or string or tape (1 or 1 per group of students)
- Scissors or knife (1 or 1 per group of students)
- Measurement cylinder (i.e. with 100mL marks)
- Bucket with water
- Permanent marker
- Poster-sized paper or fabric in bright color
- Color or paint to draw on the paper or fabric
- Pins, nails or tape (approx. 6-10)
- Paper (approx. 3 A4 sheets)
- Piece of foam (1 per group of students)
- Cup of water (1 per group of students)
- Plate & spoon (1 per group of students)
- 2 PVC pipes (from the plumber in diameters of 90mm/3.5 inches and 170mm/6inches, cut to rings with 200mm/8inches height)
- Hammer or stone
- Ruler (min 20cm)
- Timer or stopwatch (1 per group of students)
- Tape or rope
- Shovel or trowel
- 3 different soil samples (bare soil, soil with leaves, twigs and other ground cover, vegetated soil) – enough from each type to fill a 1.5L water bottle
- Small plastic bottles or transparent cups/glasses
- Optional: tape or paper clips