Carbon Cycle Flowchart with Standard Site Protocols

Use this flowchart to help you decide the best way to use the GLOBE Carbon Cycle materials in your classroom.

**Clickable links that lead to the individual Teacher Guide or Resource**

**Teacher Preparation**
- eTraining
- Background Information
- Science Standards
- Scientific Inquiry
- Curriculum Framing Questions

**Introductory Activities:**
**Carbon Cycle and Systems**
(for Introductory Activities Flowchart, click here)

- Intro to Systems: Paperclip Simulation and Model
- Carbon Adventure Story
- Carbon Travels Game
- Getting to Know the Global Carbon Cycle

**Plant-A-Plant Classroom Experiments**
- Teacher Guides
- Lab Guides
- Data Sheets

**Field**

**Field Learning Activities**
- Percent cover
- Allometry
- Biomass Units

**Protocols**
- Site Selection
- Site Set-up

**Tree Protocols:**
- How to Measure Trees, Mapping & Circumference
  - If site has any trees >15 cm circumference

**Shrub/Sapling Protocol**
- If site has shrubs/saplings on >25% sample site

**Herbaceous Protocol**
- If site has herbaceous vegetation on >50% sample site

**Data Entry**

**Data Analysis**

**Modeling Activities**
- Biomass Accumulation Model
- Global Carbon Cycle Models:
  - Simple Model
  - Model with Feedbacks

**Assessment:**
- Wrap-up Questions
- Unit Assessment