## Designing urban carbon sinks lesson

### Rubric

**Assessment**

| Criteria | Beginning | Achieved | Exceeded |
| --- | --- | --- | --- |
| Methodology | Method enables data collection. | Method enables collection of valid, representative data. | Method is reproducible and enables collection of valid, representative data. |
| Data collection | Uses equipment safely to collect data. | Selects equipment and uses it safely to collect useful data. | Selects equipment and uses it safely and efficiently to collect useful, replicable data. |
| Data analysis | Estimates and represents carbon storage in trees and/or shrubs for the two sites. | Estimates and represents carbon storage for the two sites using multiple data sets. | Estimates and represents carbon storage for the two sites using multiple data sets and includes consideration of uncertainty. |
| Site improvement recommendation | Provides a recommendation for improving carbon storage. | Provides actions to improve carbon storage that show consideration of community values. | Provides actions to improve carbon storage and explains how this approach balances community values and environmental goals. |
| Report | Report communicates key ideas, findings and arguments, including selection of some appropriate content, language and text features. | Report clearly communicates ideas, findings and arguments including appropriate use of content, language and text features. | Report communicates ideas, findings and arguments effectively, including selection of appropriate content, language and text features. |