This activity is one of five aimed to teach students about the nature of carbon, the different types of compounds it exists in (eg charcoal, glucose, carbon dioxide), the biochemical reactions it takes part in (photosynthesis and respiration), the range of processes that carbon and carbon compounds are involved in on Earth, and how these link together form the carbon cycle.

**INTENDED USE**

__ COMPUTER ACTIVITY

X NON-COMPUTER ACTIVITY

EDUCATOR, LEARNER OR BOTH (CIRCLE)

BEGINNER OR ADVANCED (CIRCLE)

**BUGS & TECHNICAL DIFFICULTIES** (PROBLEMATIC TO ROBUST)

1 2 3 4

COMMENTS: A very basic website with no outside links to worry about.

**FACTUAL ERRORS/OMISSIONS** (NATIONAL ENQUIRER TO NATIONAL GEOGRAPHIC)

1 2 3 4

COMMENTS: No problems observed.

**PEDAGOGICAL INFORMATION**

__ REFERENCE ONLY

X TEACHER GUIDE

X MATERIALS LIST

X ASSESSMENT STRATEGIES

TIMEFRAME PROVIDED

X STANDARDS ALIGNMENT

**PROMOTES STUDENT LEARNING** (WEAK TO STRONG)

1 2 3 4

COMMENTS: This one lab is a part of a larger body (5 total) carbon related activities. As a whole they teach an important concept. In isolation they have limited value and need to be integrated in to a larger context for best student learning. The site does have a good glossary of terms.

**APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN** (WEAK TO STRONG)

1 2 3 4

COMMENTS: Very basic website that requires no special multimedia. It does have a good Carbon Cycle Chart and pdf/Word documents for activity sheets.

**VISUAL APPEAL** (WEAK TO STRONG)

1 2 3 4
COMMENTS: This is a simple/very basic website without a lot of glitz or glamour.

TEACHING TIPS: ANNOTATION DESCRIBING HOW SITE COULD BE USED OR ADAPTED FOR CLASSROOM:

RECOMMENDATION: ANNOTATION DESCRIBING HOW THE DEVELOPER COULD IMPROVE THE SITE.