

CLIMATE CHANGE COLLECTION SCORECARD

Date: ___ 2/21/05 _____

Reviewer: ___ Robert Croft _____

Name of resource: ___ Carbon Cycle in the Lab _____

Sponsoring Organization: ___ The Royal Society of Chemistry _____

URL: _____ <http://www.chemsoc.org/networks/learnnet/jesei/lab/index.htm> _____

Site Homepage: _____ <http://www.chemsoc.org/> _____

RESOURCE WITHIN A SITE? **Y** / N

FOUND THROUGH DLESE? **Y** / N

RECOMMENDATION **YES** YES WITH RESERVATIONS NO

STARS 1 2 3 **4** 5 (LAME TO STELLAR)

NARRATIVE (USE OTHER SIDE IF NEEDED)

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

___ REFERENCE

___ 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 ERROS/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.