

CLIMATE CHANGE COLLECTION SCORECARD

Date: 11/29/04

Reviewer: Carrie Morrill

Name of resource: *Where in the world is carbon dioxide?*

Sponsoring Organization: UCAR

URL: http://www.ucar.edu/learn/1_4_2_17t.htm

Site Homepage: <http://www.ucar.edu/learn/>

RESOURCE WITHIN A SITE? Y / N

FOUND THROUGH DLESE? Y / N

IF SO, WHICH COLLECTIONS? *DLESE Community Collection, CRS Annotated Collection*

RECOMMENDATION YES YES WITH RESERVATIONS NO

STARS 1 2 3 4 5 (LAME TO STELLAR)

NARRATIVE *Activity in which students use bromothymol blue solution to measure the carbon dioxide concentration of car exhaust, their breath, and outside air. Also provides valuable background information about the carbon cycle.*

INTENDED USE

REFERENCE

COMPUTER ACTIVITY

NON-COMPUTER ACTIVITY

EDUCATOR OR LEARNER OR **BOTH** IF FOR LEARNER, EVIDENCE ITS BEEN TESTED? Y / N

BEGINNER OR ADVANCED OR BOTH

Easily Printed? Y / **N**

BUGS & TECHNICAL DIFFICULTIES (PROBLEMATIC TO ROBUST)

1 2 3 4

COMMENTS: *Everything works fine.*

SCIENTIFIC ACCURACY (NATIONAL ENQUIRER TO NATIONAL GEOGRAPHIC)

1 2 3 4

EVIDENCE IT HAS BEEN REVIEWED FOR ACCURACY? Y / N

PEDAGOGICAL INFORMATION

REFERENCE ONLY

TEACHER GUIDE

MATERIALS LIST

ASSESSMENT STRATEGIES

TIMEFRAME PROVIDED

STANDARDS ALIGNMENT

PROMOTES STUDENT LEARNING (WEAK TO STRONG)

1 2 3 4

COMMENTS: *The hands-on approach would promote thinking and learning. The activity is scientifically accurate.*

APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)

1 2 3 4

COMMENTS: *Well-made graphics illustrating experimental design.*

VISUAL APPEAL (WEAK TO STRONG)

1 2 3 4

COMMENTS: *Nothing fancy, but it has a clean design and appealing graphics. Page is a bit too long, requires lots of scrolling.*

TEACHING TIPS: *This is a common activity and you can find other variations if this example does not suit your purposes. For example, <http://sln.fi.edu/tfi/activity/earth/earth-4.html>*

RECOMMENDATIONS FOR DEVELOPER: *Shorten page by not double-spacing bulleted lists.*