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
X NON-COMPUTER ACTIVITY

EDUCATOR OR LEARNER OR BOTH IF FOR LEARNER, EVIDENCE IT'S 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
X TEACHER GUIDE
X MATERIALS LIST
X ASSESSMENT STRATEGIES
X TIMEFRAME PROVIDED
X 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.