

CLIMATE CHANGE COLLECTION SCORECARD

Date: 11/28/04

Reviewer: Robert Croft

Name of resource: **The Greenhouse Effect**

Sponsoring Organization: UCAR (University Corporation for Atmospheric Research)

URL: http://www.ucar.edu/learn/1_3_1.htm

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

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)

INTENDED USE

- ☒ REFERENCE
- ☒ COMPUTER ACTIVITY
- ☒ NON-COMPUTER ACTIVITY
- EDUCATOR, LEARNER OR **BOTH** (CIRCLE)
- BEGINNER** OR ADVANCED (CIRCLE)

BUGS & TECHNICAL DIFFICULTIES (PROBLEMATIC TO ROBUST)

1 2 3 **4**

COMMENTS: All links and animations work.

FACTUAL ERROS/OMISSIONS (NATIONAL ENQUIRER TO NATIONAL GEOGRAPHIC)

1 2 3 **4**

COMMENTS: Well organized site. The site has great background info that may be used with both students and as teacher background info. It also has 2 lesson plans that reinforce the concept presented on this site.

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: Not only is the site great background info for the middle level student but also includes 2 activities and lesson plans for the teacher's use to aid in the teaching of the concept.

APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)

1 2 3 **4**

COMMENTS: Appropriately placed pictures that reinforce the content of a paragraph. Also has a good animation of how a greenhouse gas molecule works to hold in heat.

VISUAL APPEAL (WEAK TO STRONG)

1 2 3 **4**

COMMENTS: A lot of text/background information. However, it is concise and has well placed diagrams, visuals, and animations.

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

This site is a great resource and background for the teacher with lesson plans that are easy to use in teaching the topic "Greenhouse Effect." It also is well enough done that it can be a resource for students as a text or background info.

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

None needed.