

# CLIMATE CHANGE COLLECTION SCORECARD

Date: \_\_\_ 1/26/05 \_\_\_\_\_

Reviewer: \_\_\_ Robert Croft \_\_\_\_\_

Name of resource: \_\_\_ *Atmospheric Processes-Radiation* \_\_\_\_\_

Sponsoring Organization: \_\_\_ UCAR Project Learn \_\_\_\_\_

URL: \_\_\_ [http://www.ucar.edu/learn/1\\_1\\_2\\_5t.htm](http://www.ucar.edu/learn/1_1_2_5t.htm) \_\_\_\_\_

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

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)

Starts with a brief discussion of heat transfer processes and has a great activity that focuses on radiation. Using the activity, students investigate how different surfaces absorb heat and then apply their experience with the surfaces to interpret real-world situations.

## 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: No problems. All associated links work.

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

1 2 3 4

COMMENTS: Ok

## 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: Great activity to provide background experiences upon which students can build their understanding of a complex concept.

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

1 2 3 4

COMMENTS: Not designed as a multimedia web site or learning experience.

## VISUAL APPEAL (WEAK TO STRONG)

1 2 3 4

COMMENTS: Lab setup is a great diagram. All other graphics are basic.

**TEACHING TIPS:** ANNOTATION DESCRIBING HOW SITE COULD BE USED OR ADAPTED FOR CLASSROOM  
A great activity that is on a well setup and organized web site.

**RECOMMENDATION:** ANNOTATION DESCRIBING HOW THE DEVELOPER COULD IMPROVE THE SITE.  
Change the graphics embedded in the web site so you can click on the images to enlarge them.