

Overview

In this activity you will meet the following objectives:

1. Identify differences between the TP-HE unit and a real flat-plate hot water solar collector.
2. Describe when and how parts of a real flat-plate hot water solar collector would be used.

STEP 1



Inventory

If necessary, turn on the computer and wait for it to go through its "boot up" procedure. When the Media Cruiser interface is displayed, log in, and click **Lessons, Activity 10, then Inventory**. Once you've located the various items on the list, click Yes. If you are unable to find an item, click No. Report any problems such as missing or damaged items to the instructor. You will also be required to document the items in the Inventory Journal that will appear after you click No. When you are finished, click Score It.

STEP 2



Do this

Click the **Programs** button and select *Hydro-Solar Energy*. At the main menu, click the How Real Systems are Built option. In this section you'll see how the TP-HE unit compares to a real hydro-solar system.

When you reach the end of the section, exit to Media Cruiser and go on to the next step.

STEP 3



Quiz

Click the **Lessons** button, **Activity 10**, then **Quiz 9**. This quiz will cover the information discussed in this activity. Complete the quiz by choosing the correct answers and then clicking Score It! to register your answers.

STEP 4

Do this

Now you will begin to use the knowledge you have gained throughout this module by solving problems in the **Challenge Section**. The **Challenge Section** was designed to develop and enhance problem solving, creative thinking, and cognitive skills. The **Challenge Section** will put these skills to the test.

You are to try and solve your own problems with the materials provided. Take about five to 10 minutes to read the names and statements of each challenge.

Choose two or three of the challenges that draw your interest. Each challenge requires various amounts of time to complete. Some challenges may take 30 minutes to complete and other challenges may take two or three class meetings.

Notify the instructor you are ready to start on a challenge. You and the instructor will discuss which challenge to start on first. After the decision has been made, go ahead and start to work on the challenge.

As you work through each challenge, be sure to fill out the **Challenge Section Work Sheet**.

STEP 5



Summarize

Click the **Lessons** button, **Activity 10**, then **Journal**. Place the floppy disk containing your first journal entry into Drive A and, under the File menu, select Open. Double-click your journal file.

Leave a couple of spaces after the last entry.

In your journal, describe which challenge you started and why.

When you've finished the entry, click Save in the File menu, then exit the program.