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Activities

Light Emitting Diode (LED) Bulbs

Name: _____ Date: _____

LEDs (light emitting diodes) are tiny bulbs that can do lots of different jobs while saving energy and money. You'll find out more about them in this Planet Diary activity.

Directions

- Go to How Light Emitting Diodes Work. Read the first two paragraphs, then answer Workspace questions 1 through 3 below.
- Take a closer look at how LED bulbs work with these LED Light Bulb Basics. Read paragraphs one and two. Use the info to answer question 4.
- Check out these Advantages of LED Bulbs, then answer question 5.
- The main disadvantage of LED bulbs is their cost. That may change soon. Read Concerns About LED Bulbs. Answer the last question.

Workspace

1. List three uses of LED bulbs.

2. How are LED bulbs better ordinary incandescent bulbs?

3. How are LED bulbs illuminated?

4. What is SSL lighting technology?

5. Give three advantages of using LED bulbs.

6. What have researchers learned about how to make the bulbs cheaper?

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