

Lesson 2 - Teacher's Guide

"Conserve in Your Room" Coloring Page and Chart

Lesson Summary:

The coloring page highlights the ways that energy can be used (and wasted) in a bedroom. The chart on the back side lets students list different ways to save energy.

Getting Started:

Hand out a copy of the "Conserve in Your Room" coloring page and chart to each student. *(We've provided you with a completed version.)*

Using the Coloring Page as a Teaching Aid:

Option 1: Ask your students to color the page, circle the items in the room that are wasting energy, then fill in the chart on the back side. You could follow this with a classroom discussion:

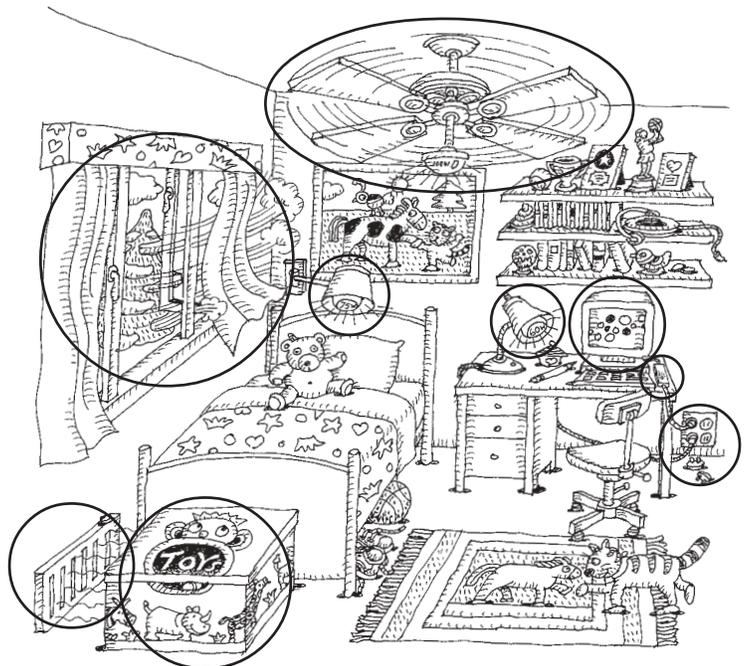
- Describe the various ways energy is being used in the room and how it can be used more wisely.
- Use the Compact Fluorescent Light (CFL) Selection Guide to educate your students about the energy savings difference between incandescent light bulbs and CFLs.

Option 2: Have the students take the coloring page home and follow the instructions listed above in Option 1. You may also ask your students to get a parent's signature. You could follow the take-home activity with a classroom discussion, as suggested in Option 1.

Coloring Page:

Examples of wasted energy:

- Ceiling fan with light
- Toy box in front of furnace
- All lamps
- Four-plug outlet with plug caps on the floor
- Computer and energy pack
- Furnace
- Window



How is Energy Being Wasted in the Room? How Would You Stop it?

Item	How energy is being wasted	How energy can be saved
Windows	Window is open and letting in cool air. Heat is leaving the room.	Close window during cool times of the day or season. Close drapes for extra insulation.
Furnace & Toy Box	No one is in the room to use the heat. Furnace works harder because window is open. A toy box is blocking the heat.	Close the heat register when room is not in use. Move the toy box. Make sure the furnace is at the appropriate temperature. 67° is recommended.
Electrical Outlet	Cold air could be leaking in through the outlet or warm air could be leaking out through the outlet.	Plug unused electrical outlets.
Computer & Energy Pack	Computer monitor is on and no one is using it. Computer energy pack is on and no one is using the computer.	Turn off when not in use. Buy models with the ENERGY STAR® label. Unplug the computer cord.
Lights	Lights are on without anyone using them. Lights are regular incandescent lights. Room has too many lights.	Compact fluorescent lights use less energy than incandescent lights. Turn off lights when they aren't in use.
Ceiling Fan	Ceiling fan is on without anyone in the room.	Turn off ceiling fan when the room is not being used.