



Using Energy at School

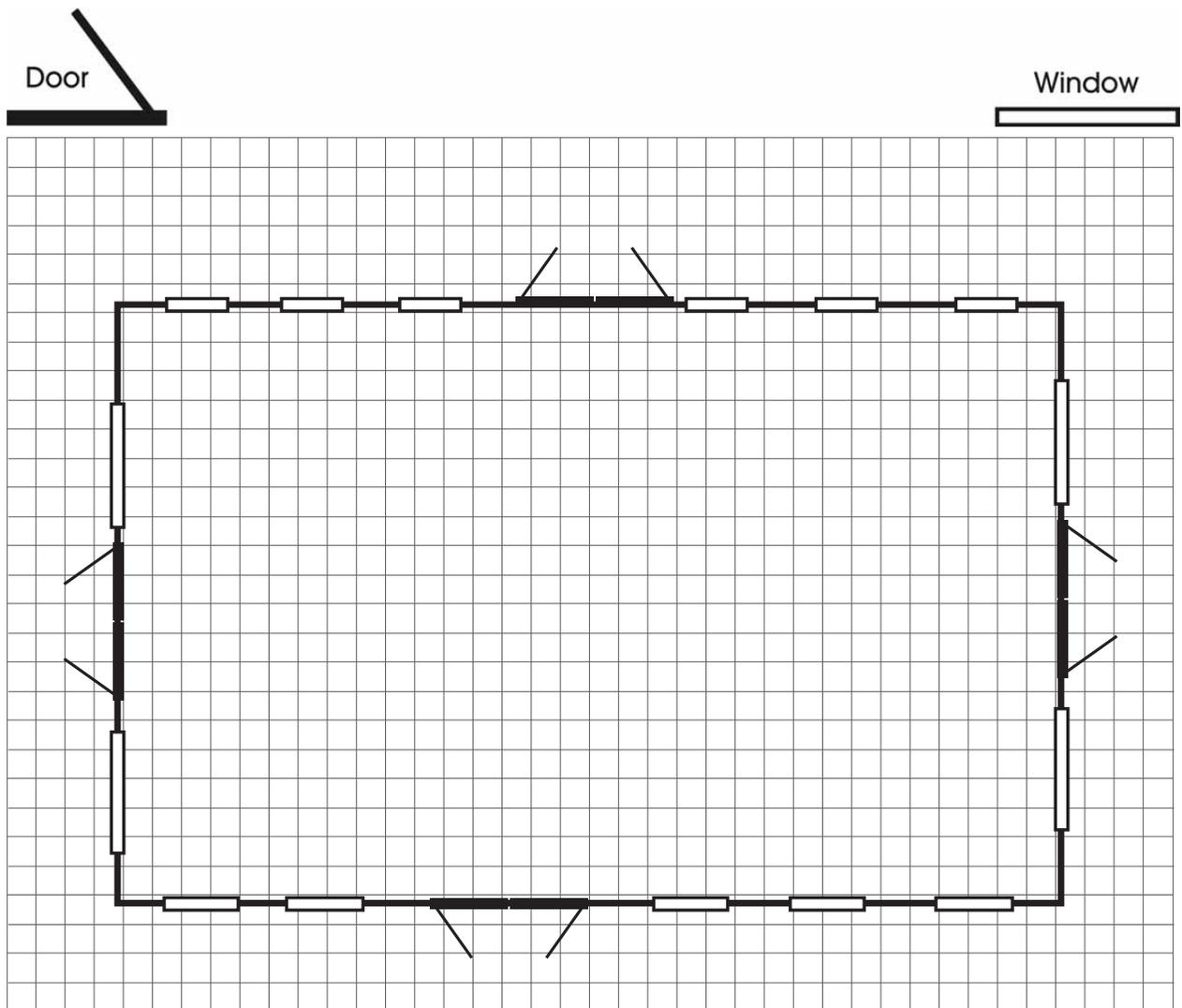
Energy Use at School Diagrams

Your assignment is to draw three diagrams—one of the entire school building, one of your classroom, and one of the work area your teacher assigns to you. Begin by making sketches of your school, classroom, and work area on notebook paper.

The next three pages are blank grids. Look at the diagram below to help you draw your school diagram. Look at the diagrams on pages 26 and 29 as inspiration to help you draw your classroom and work area diagrams. When you think your sketches are accurate, draw your diagrams on the grids. Use the symbols below to indicate windows and doors.

Make your diagram of the school large, but leave empty space around the building because you will be adding to the outside later.

Make the classroom and work area diagrams as large as possible.





Reflections

My Work Area: _____

Members of My Work Group: _____

1. How many exterior doors does your work area have? _____ Interior doors? _____
2. How many windows does your work area have? _____
3. How many electrical outlets does your work area have? _____
4. How many light fixtures does your work area have? _____
5. How many energy-consuming devices does your work area have? _____
6. How many heating/cooling devices or vents does your work area have? _____

Complete the chart below with data from your diagrams and the other work groups:

LOCATION	DOORS	WINDOWS	ELECTRICAL OUTLETS	LIGHTS	ELECTRICAL DEVICES	HEATING/ COOLING DEVICES/VENTS	OTHER
BUILDING							
CLASSROOM							
OFFICE							
LIBRARY							
CAFETERIA							
GYMNASIUM							

Notes: