



How Power Smart Are We?

Energy Investigations – Windows and Entrance Doors

- Photocopy worksheets for students to check windows and entrance doors.
- Students go around the school and with a draft detector* check for drafts.
- Remember to check the emergency exits from the gymnasium!

Record on the sheet if windows and doors are **DRAFTY** or **NOT DRAFTY**.

Room – classroom, library, office, staff room or other (explain)	Number of doors and windows	DRAFTY	NOT DRAFTY
Total number of doors and windows:			

At the end of the investigation:

- Add the total number of doors and windows
- Add the number of **DRAFTY** scores
- Subtract the number of **DRAFTY** scores from the **TOTAL**
- How many doors and windows are **NOT DRAFTY**?

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***Make a Draft Detector:** Tie a downy feather or small strip of tissue to a piece of thread and hang from a pencil. It will look like a fishing rod. Hold in front of the door jams and windows you want to test for drafts. If the feather or tissue moves in the breeze – you’ve detected a draft!