

What are the System Requirements?

- Windows computer with serial or USB port, with a minimum configuration of Pentium chip and 16-MB RAM, operating Windows 98 or higher OR a Macintosh computer with USB port and 16-MB RAM with OS9.1 or higher.
- Monitor or data projector
- One open serial (com) port or USB port
- USB/Serial converter

THINGS TO CONSIDER BEFORE USING A PRS

PRS may not be the ideal solution to every classroom situation that would benefit from additional interactivity.

Before launching a PRS-enabled classroom, here are some points to consider:

1. Logistically, for larger classrooms, you may need more than one receiver to avoid infrared collisions. You may even have to assign students to respond toward specific receivers. We'll make sure you have the receivers you'll need for your classroom based on the quantity of student purchases.
2. Most instructors typically use no more than 3 PRS questions per lecture. Remember, the larger the classroom, the more time you will need to allow students to respond.
3. If you are anticipating using a PRS for grading purposes, be sure that all students have a functioning transmitter, and do a test to make sure each works at least one week before the first graded assignment. This will enable any students with damaged transmitters adequate time to get a functioning replacement.
4. Although the W. H. Freeman/Worth PRS does not require hardwiring of a lecture hall, set up may take a few minutes, depending on the number of receivers involved.
5. Depending on the intricacies of your presentation, it may be necessary to have a graduate assistant work a second laptop or help students with their transmitter devices.

For more information, contact your local
Freeman and Worth Representative or
e-mail prs@bfwpub.com

From W. H. Freeman,
Worth Publishers,
and EduCue

A new way to click with your
students.

Personal Response System



Now offered by W. H. Freeman and Worth Publishers, in partnership with EduCue, the Personal Response System is the user-friendly way to make your classtime more efficient, more interactive, and more effective. This wireless, remote system (about the size of a television remote control) lets you pause to ask questions and instantly record responses, as well as take attendance, direct students through lectures, gauge your students' understanding of the material, and much more.

THE COMPONENTS

Student Transmitter

Each student transmitter has up to 10 different multiple choice keys, as well as special “H” and “L” keys so your students can register their confidence in their response. Requires 2 AAA batteries (included).



Instructor Receiver

Instructors will get the receivers needed for their classroom free of charge. Wires to connect the receiver to your laptop, as well as to additional receivers, are included in your start-up pack.



PRS Software Screen

The PRS screen is fully customizable. You can display anywhere from 20-300 student response boxes; allow students to see their names or transmitter ID numbers; and alter the time allotment for each question. Each student response box changes color when transmission is received, so students will know if there are any infrared collisions.

The Freeman and Worth Personal Response System enhances your classroom in many ways:

- **In-Class Quizzes and Tests:** You can use a PRS to pause periodically during a lecture in order to ask a question. Using the transmitters, students can provide instant answers, which are all stored in an easy-to-use electronic gradebook.
- **Lecture Leaders:** By asking concept-based questions, you can help guide your lecture, making sure your students comprehend the main points before moving on.
- **Attendance:** In large lecture halls, attendance taking may prove to be impossible. PRS easily and quickly avoids this housekeeping issue.
- **Increase Class Discussion:** By providing thought-provoking questions, you can spur student debate and discussion.

FAQ's

How Does a PRS Work?

Each student transmitter (Fig. 1) uses infrared technology to send its response to a central instructor receiver (Fig. 2). The responses are collected by the PRS software and stored in an electronic gradebook, along with the transmitter identification number (Fig. 3).

What Software/Hardware Will I Need?

Your students are required to purchase their transmitters from their campus bookstore at the same time they purchase their course textbooks. The transmitters require 2 AAA batteries (included). We will supply the number of receivers you need for your classroom, plus the software for operating the PRS, at no charge. Instructors will need to have their own computer and a data projector (not provided).

How do My Students Register?

Some providers of PRS systems require students to register for your course for a fee. Other providers put the registration responsibilities on you and your department. The W. H. Freeman and Worth Publisher PRS System allows your students to register online at no cost, and allows you to download a complete roster at any time in a simple-to-import electronic file format. Students simply register at the Companion Web Site for the textbook they are using in your the course (entering their name and PRS transmitter ID) and connect themselves to your e-mail address. At any time, you can capture a student roster in an Excel or text file from the Instructor's area of the Companion Web Site, to upload into the PRS system.

How Much Does It Cost and How Do I Get It?

1. Based on the number of transmitters ordered by your students, you will get the receivers you'll need and a software package, including all necessary wires and batteries.
2. The cost for each student transmitter is \$15.00 to your campus bookstore.
3. In order to receive the transmitter, it must be shrink-wrapped with a W. H. Freeman or Worth Publisher textbook. Contact your Freeman/Worth Sales Representative for a special package ISBN, which you can then give to your campus bookstore to order.