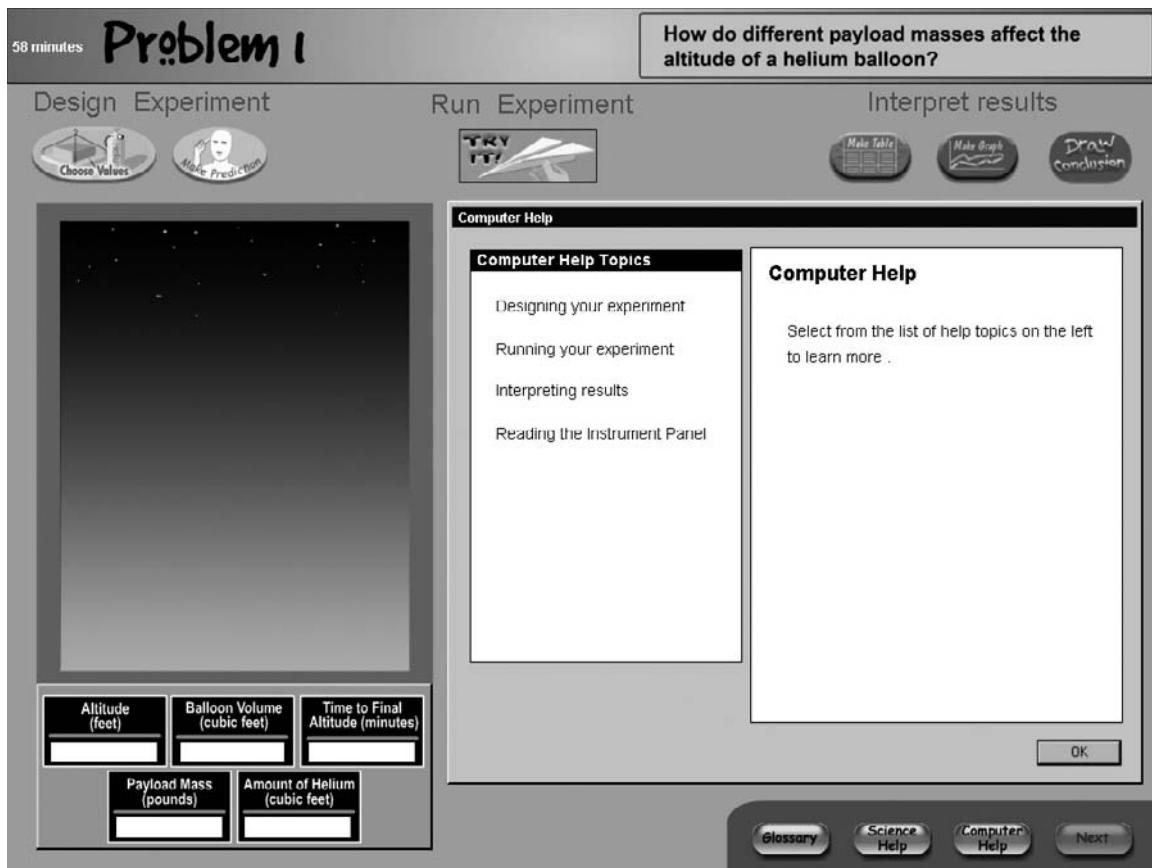


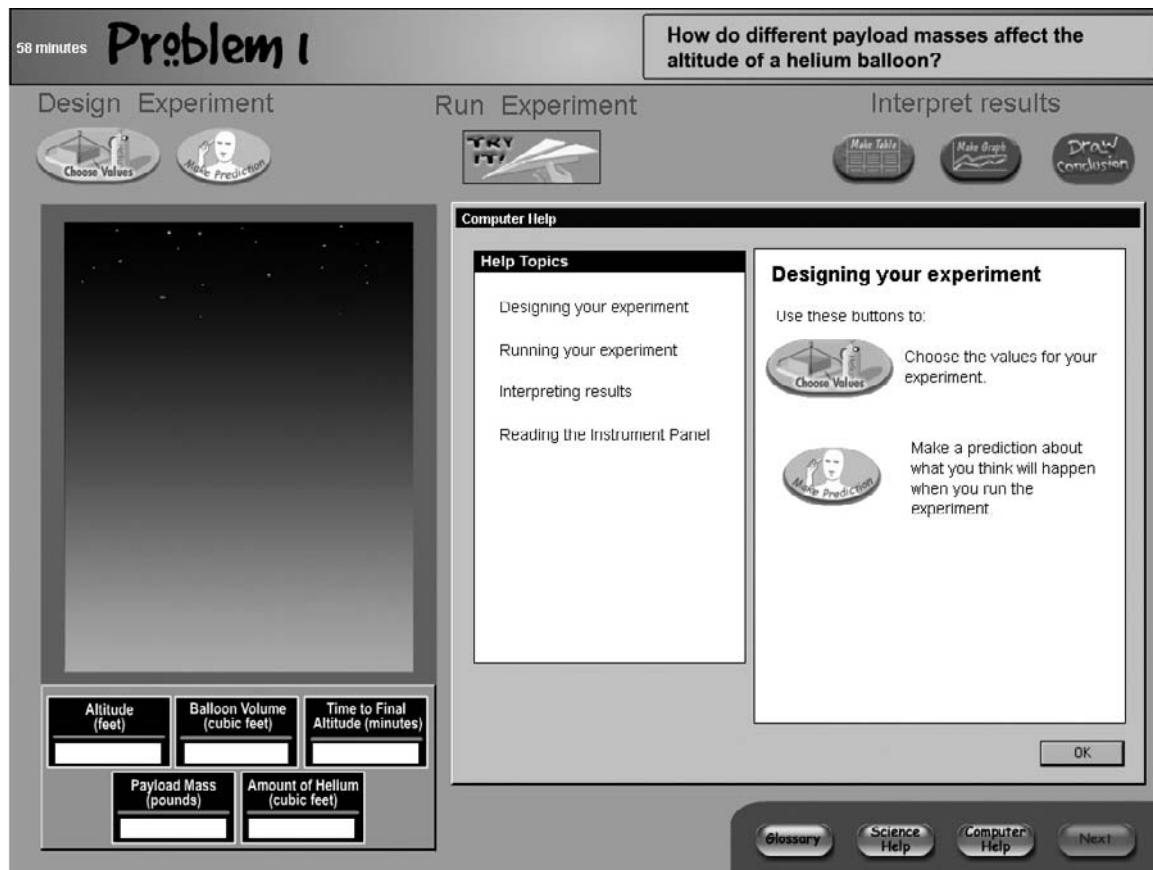
**Figure E-12.** Computer screen showing the TRE Simulation Computer Help topics menu, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.

**Figure E-13.** Computer screen showing help for the first TRE Simulation Computer Help topic, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.

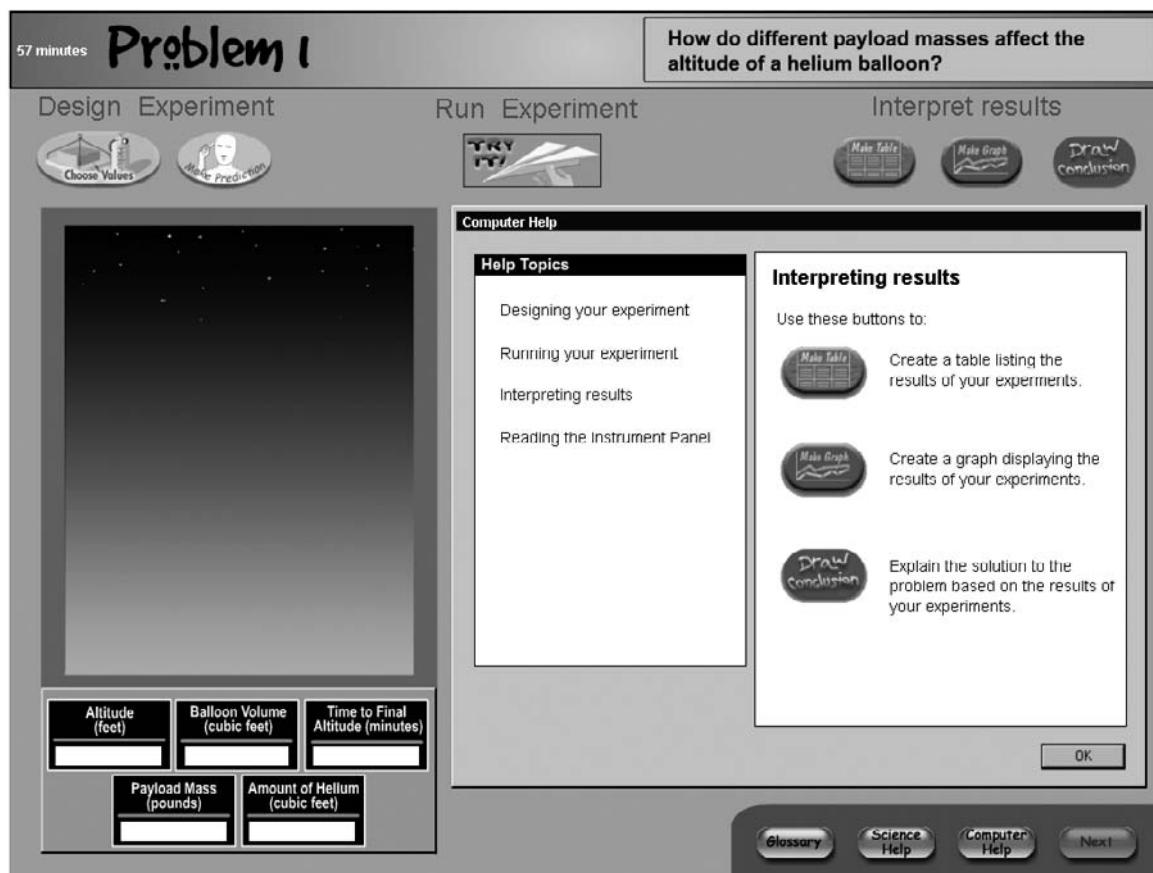
**Figure E-14.** Computer screen showing help for the second TRE Simulation Computer Help topic, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.

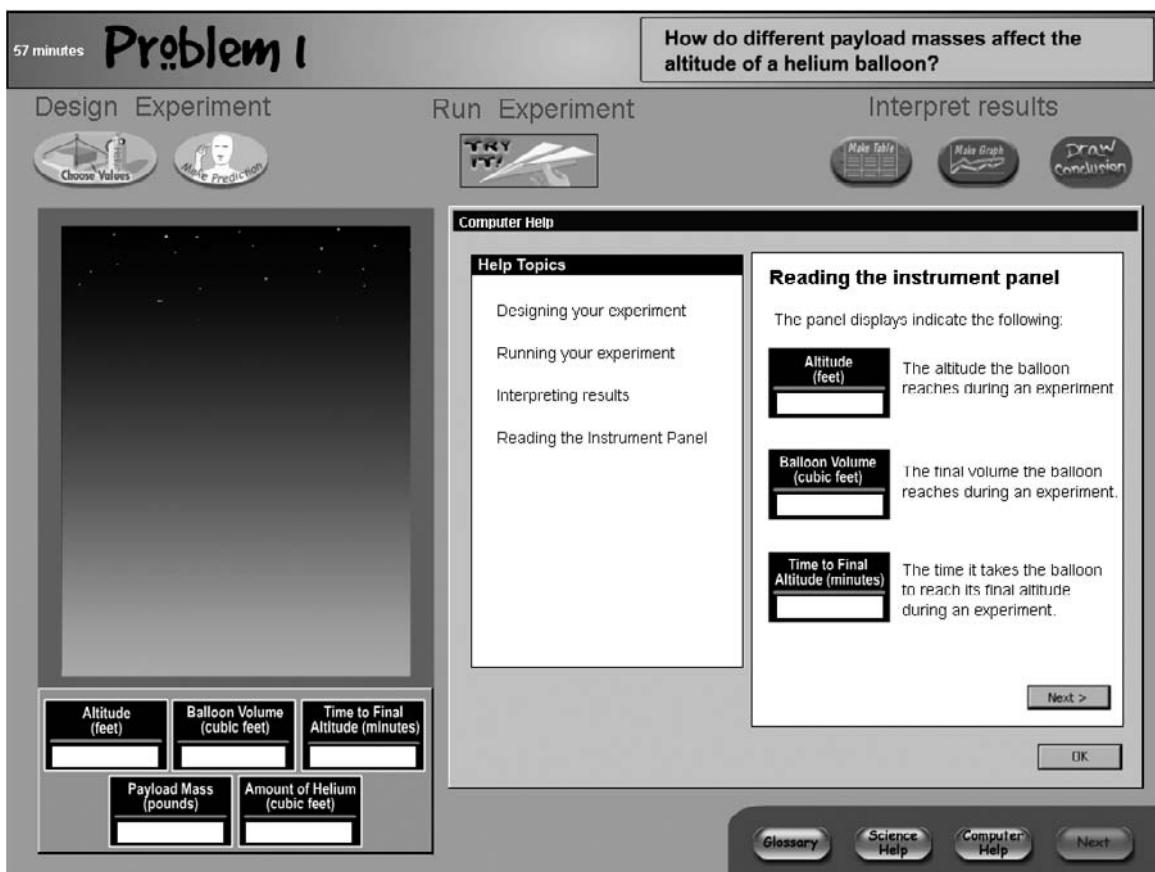
**Figure E-15.** Computer screen showing help for the third TRE Simulation Computer Help topic, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.

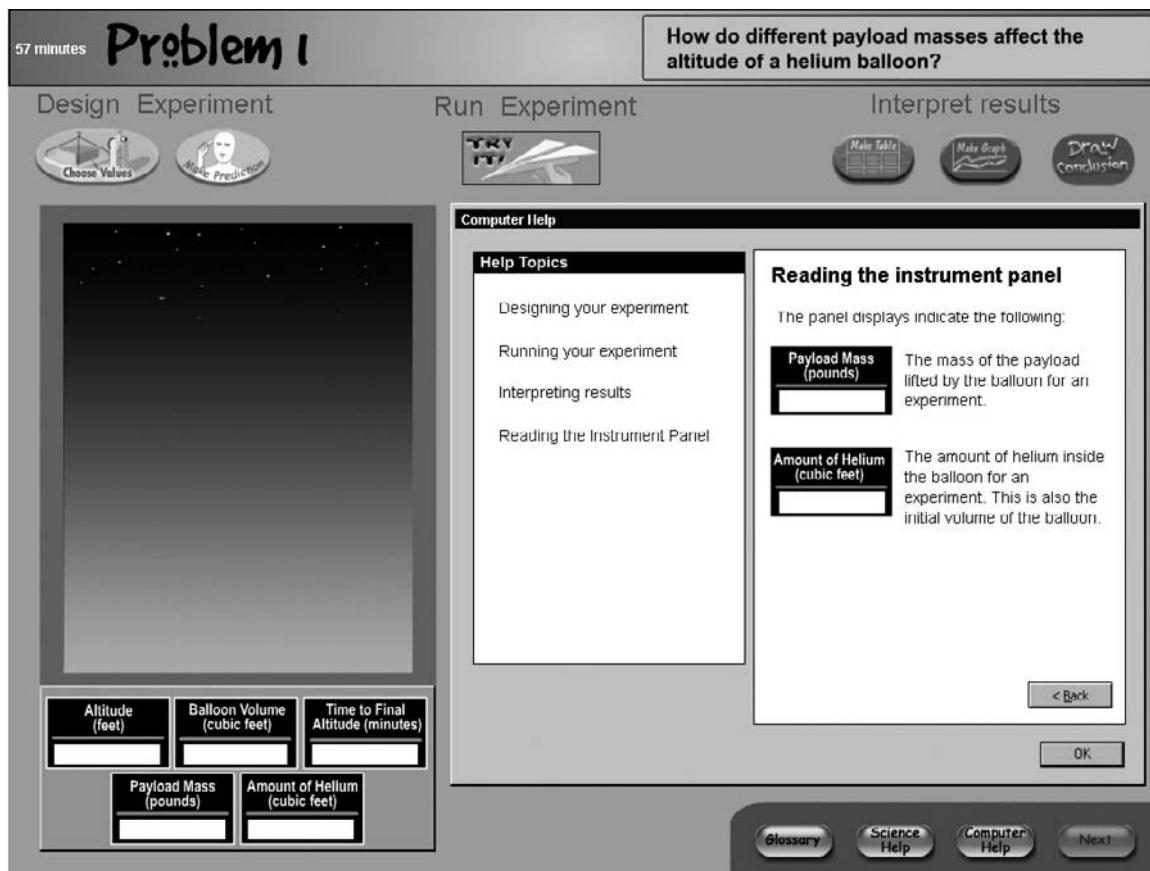
**Figure E-16.** Computer screen showing help for the first part of the fourth TRE Simulation Computer Help topic, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.

**Figure E-17.** Computer screen showing help for the second part of the fourth TRE Simulation Computer Help topic, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.

**Figure E-18.** TRE Simulation tutorial screen 1 showing the problem to be solved, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.

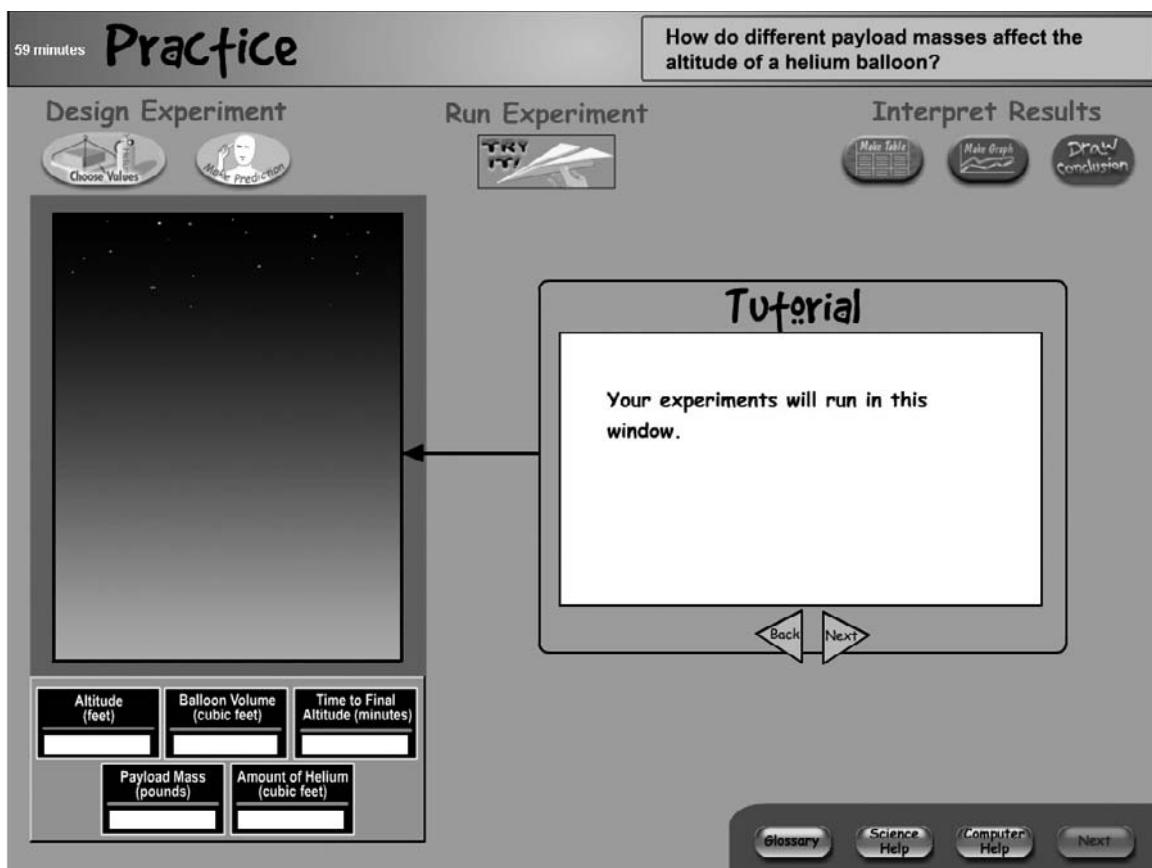
**Figure E-19.** TRE Simulation tutorial screen 2 showing the task bar for solving the problem, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.

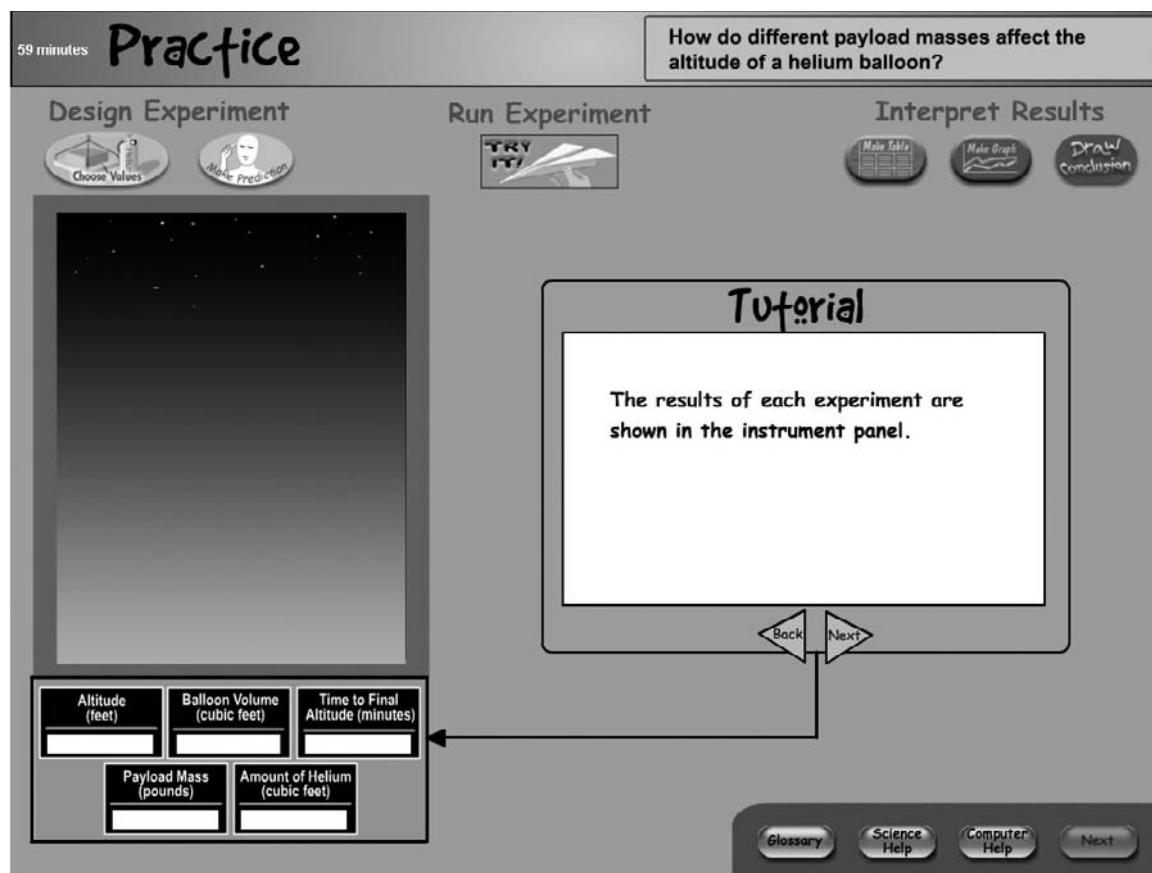
**Figure E-20.** TRE Simulation tutorial screen 3 showing the experiment display window, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.

**Figure E-21.** TRE Simulation tutorial screen 4 showing the instrument panel to show data, grade 8: 2003



NOTE: TRE = Technology-Rich Environments.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003 Problem Solving in Technology-Rich Environments Study.