

Raise your salary schedule so that in starting point and in rate of advance it compares with salaries paid to physicists in industry.

In planning the physics teacher's schedule, assign him to no more than 25 teaching and laboratory periods a week, preferably five each day.

It is more important for pupils to understand the physics they know than for them to know a great many facts about physics. Thus the physics course should emphasize understanding and make no effort to be encyclopedic.

You should require successful completion of elementary algebra as a minimum prerequisite for taking physics. Geometry is recommended, and further study of mathematics, including trigonometry, highly desirable.

The physics course in your high school should meet no less than six, preferably seven, 45-minute periods a week, for a full year. This should include at least one double laboratory period each week.

Review with your physics teachers and within your School Science Committee the content of your present physics course.

Obtain information about the physics course being developed by the Physical Science Study Committee, about the film-television course prepared by Professor White, and about other new approaches to the teaching of physics.

Encourage your physics teachers to review the present physics laboratory program. If it is not meeting the desired objectives, discuss what action needs to be taken: Different experiments? More time for laboratory? Additional equipment? Better room facilities?

Explore the possibility of providing a petty cash fund so that your physics teacher can purchase small parts and supplies without long delays.

If your school is considering remodeling existing physics quarters or planning new ones, obtain the services of consultants including an architect and scientists on the staffs of nearby colleges, universities, and industrial companies, who have had experience in designing instructional laboratories.

During the preparation of the handbook, the Institute's Advisory Committee on Education offered valuable assistance by discussing the aims and contents of

the manuscript. V. E. Eaton, W. C. Michels, L. O. Olsen, C. J. Overbeck, and F. W. Sears were members of the Committee while this work was going on and they made many helpful suggestions. In addition, much time and effort were given by the members of the AAPT Committee on Apparatus for Education Institutions in reviewing the requirements of high-school physics courses for apparatus and in compiling an up-to-date list of apparatus. Members of that Committee are S. C. Brown, V. E. Eaton, H. Jensen, and H. A. Robinson.

To insure widespread knowledge of the book's contents and availability, several thousand prepublication copies have been sent to various organizations and individuals known to be actively involved in educational matters. Following this initial distribution, copies of *Physics in Your High School* have been offered for sale by the McGraw-Hill Book Company, 330 West 42nd Street, New York 36, N. Y. The book is priced at \$1.50 per copy in paper covers and \$3.00 in hard covers.

Placement Service

EMPLOYMENT openings in physics outnumbered available physicists by at least four to one at the employment register organized in late January by the Placement Service of the American Institute of Physics during the annual joint meeting of the American Physical Society and the American Association of Physics Teachers in New York City. Of the 333 physicists who registered in advance of the meeting, 259 showed up in person and were interviewed an average of more than a dozen times apiece by personnel recruiters representing a total of 211 industrial, academic, and government organizations. The range of salaries offered this year extended from a low of \$4500 to a high of \$16 000. The following summary of data comes from records of Placement Service operations at APS-AAPT meetings in New York from 1956 through 1960:

	1956	1957	1958	1959	1960
Registrants	308	332	433	350	333
Employers	269	193	162	232	211
Openings*:					
Industrial	1096 ₊₁₈₆	520 ₊₈₃	94 ₊₂₅	860 ₊₇₈	885 ₊₅₁
Government	367 ₊₅₆	171 ₊₁₅	86 ₊₇	217 ₊₁₉	227
Academic	292 ₊₆₄	229 ₊₁₈	108 ₊₁₃	315 ₊₃₉	176 ₊₃₃

* Subscripts refer to employers listing no specific number of available positions but implying two or more openings.

The AIP Placement Register will also be in operation in Washington, D. C., during the annual Spring Meeting of the American Physical Society this month. Facilities for arranging and holding interviews will be located in the exhibit hall at the Hotel Sheraton-Park from April 25 to 27. Lists of employment openings will be posted and a complete file of applicants will be available upon request.



The new AIP handbook, *Physics in Your High School*, was prepared for the Institute by W. C. Kelly, left, and T. D. Miner, shown at right with a student.