

How does *Nelson Physics 11* support busy teachers with planning and implementation of the curriculum?

Teacher's Resource and Support

Time constraints are an important consideration for teachers when introducing new curriculum or teaching a course for the first time. *Nelson Physics 11* provides a wealth of teacher support materials, each specifically developed to:

- Minimize time spent on lesson preparation
- Accommodate different teaching styles and different levels of teaching experience
- Provide access to a variety of different instructional approaches
- Be available to teachers in both print and digital (modifiable) formats

Teacher's Resource

The *Nelson Physics 11* Teacher's Resource offers strategies, tools, and assessment support that saves time and makes planning easier. Purchase a *Nelson Physics 11* Teacher's Resource and you not only receive a printed copy but also a CD-ROM to help customize your lessons and access to our password-protected Teacher's Resource Web site!



Print

Three-ring binder including:

- Sample Unit Pathway Planner
- Materials List
- Assessment Planning Strategies
- Assessment Tools
- Background information and misconceptions
- Teaching Strategies
- Related Resources
- Accommodating Individual Needs

Teacher's Resource CD-ROM

Included with each Teacher's Resource package

Contains all of the contents of the printed Teacher's Resource, plus

- All the Student Text pages
- Modifiable:
 - Assessment Tools
 - Study Blackline Masters
 - Additional Investigations and Activities
 - In-text labs
- Includes all the contents of the printed Solutions Manual
- Includes colour transparencies
- Expanded version of the Skills Handbook

Web-Based Teacher's Resource

A password-protected Internet site that includes all the contents of the Teacher's Resource CD-ROM, plus

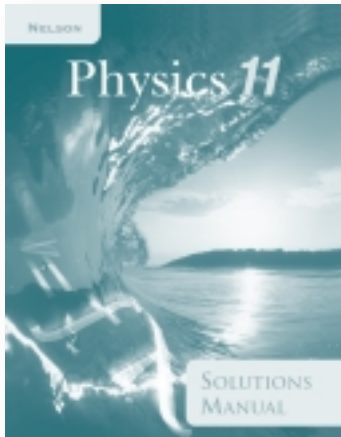
- No need to take print components home again—Web site features electronic version of the full Teacher's Resource, Solutions Manual, Student Text, and Web Links
- Accessible 24 hours a day, 7 days a week
- Modifiable—save files to your computer and customize to suit your needs
- Included at NO ADDITIONAL COST when you purchase a Teacher's Resource binder
- Updates and additional material will be regularly posted on the Web Site.

Lab and Study BLMs

Nelson Physics 11 recognizes that strategies for integrating investigations and activities into program delivery can vary from teacher to teacher. To accommodate this diversity of presentation styles, the *Lab and Study Blackline Masters* provide an expanded database of activities to complement and extend the labs and investigations in the Student Text.

Benefits:

- Rather than creating their own labs, teachers can simply select activities they require from the database
- Teachers can be confident that all labs are accurate and will work in their classrooms
- A diverse range of labs supports different teaching contexts, learning styles, timetables, and budgets
- A digital presentation of the *Lab and Study Blackline Masters* on the *Teacher's Resource CD-ROM*, allows labs to be modified or integrated with teachers' own materials



Solutions Manual

Presents detailed solutions and sample data for all exercises, labs, and activities contained in the Student Text.

Benefits

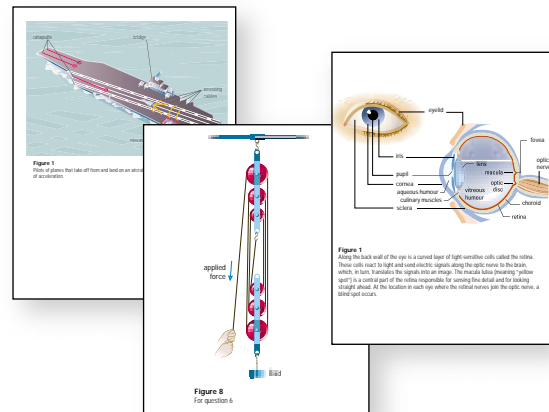
- Saves teachers the time required to work out answers to questions
- Ensures that textbook questions are accurate and work
- Facilitates the marking of students' work

Colour Transparencies

Includes 50 original colour transparencies of visuals, graphs, and diagrams not found in the Student Text.

Benefits

- Each overhead represents a motivating teaching strategy for key concepts that are often difficult to convey to students
- Allows teachers to illustrate complex scientific processes, thereby facilitating student understanding
- Saves teachers the time required to create and produce their own overheads



Computerized Assessment Bank (CD-ROM)

The assessment expectations inherent in the new curriculum demand ongoing evaluation and reporting of student achievement. The *Computerized Assessment Bank* is a powerful teacher support tool designed to assist teachers to manage these assessment expectations.

Benefits

- With over 1500 validated items, teachers are not required to write their own questions
- Teachers save valuable time by instantly creating chapter texts, midterms, and final exams with excellent graphics capability
- Teachers are able to modify existing entries and add their own questions to the database in order to accommodate specific classroom needs
- All questions are correlated to a specific curriculum expectation, ensuring congruency between content and assessment

