

User Guide  
**Multimedia Applications**  
**Virtual Activities**  
(Windows and Macintosh)

Glencoe  
Middle School  
**MATHEMATICS**

**Level 2**

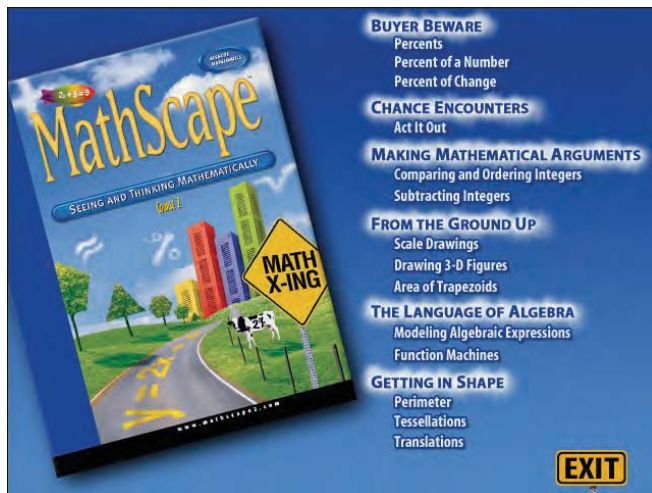
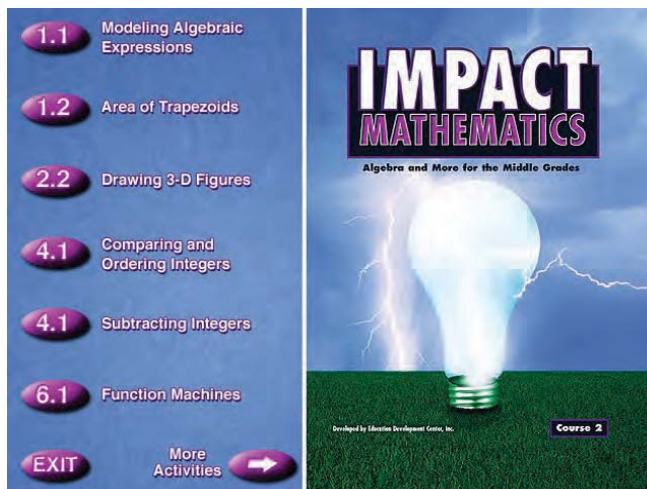
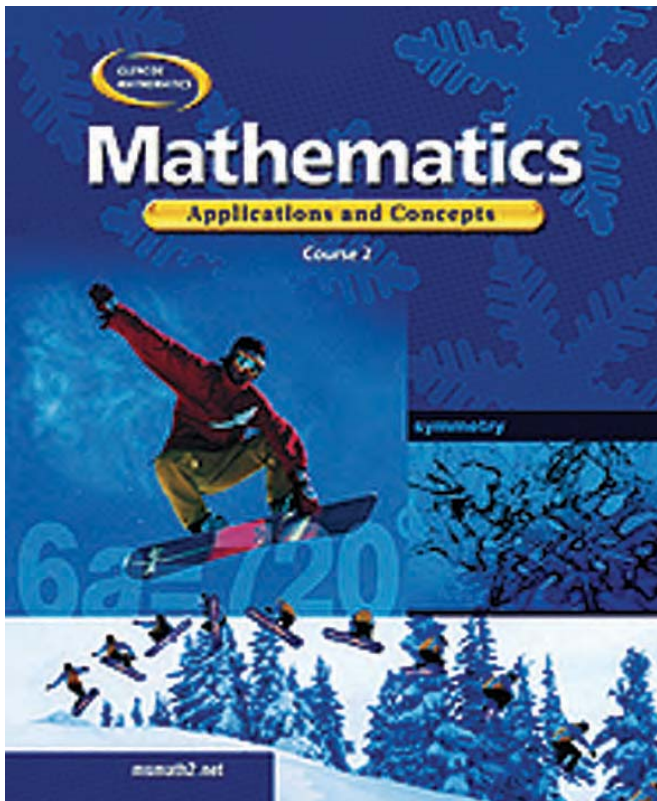
**GLENCOE**

McGraw-Hill

New York, New York Columbus, Ohio Mission Hills, California Peoria, Illinois

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# OVERVIEW

## *Virtual Activities for Middle School Mathematics, Level 2*

Engaging computer simulations, plus videos of real people using mathematics, bring the world into your classroom. These highly interactive multimedia materials are carefully correlated to Glencoe *Mathematics: Applications and Concepts, Course 2*; *Impact Mathematics, Course 2*; and *Math Scape, Grade 7*.

Choose some or all of the applications to extend and reinforce concepts.

Involve your students in applying mathematics and solving problems in realistic situations.

Data collection and analysis form the basis of many explorations. Students are actively engaged in the interactions. They make decisions, operate simulated devices, collect data, record data, and interpret results.

Complete onscreen instructions guide students through the interactions.

**Drawing 3D Figures**

In the dotted area on the right is the base of a triangular prism. Complete the figure by drawing a vertical line of the given height from each of the three vertices of the triangle. Then, connect the ends of these three lines to form the top of the prism. To draw a line, click on the starting point and then on the end point. Use the example of the

Draw a triangular prism 2 units high.

**Scale Drawings**

**Sizes of Animals**

Here are five animals that have been scaled up or down from their actual sizes. Click on each graphic and answer the question.

Actual Size:  
 millimeters  
 inches  
 feet

Scale:  
 millimeters  
 inches  
 feet

1 unit per:

## SECTION 1

### Installing *Virtual Activities for Middle School Mathematics, Level 2*

#### System Requirements

The following are the minimum system requirements and step-by-step instructions for loading the *Virtual Activities for Middle School Mathematics, Level 2* onto your computer. Check the reference manual for your computer (or look on the hard drive) for information verifying that your system meets these minimum requirements. Otherwise, your CDs may not be fully operational. If you have any difficulty, ask a computer education teacher or technology coordinator for support.

#### Windows® Operating System

##### Minimum System Requirements

- A Pentium processor-based PC or compatible computer
- 32 MB RAM, 64 MB recommended
- Windows® 98/NT/Me/2000/XP
- A Sound Blaster or compatible sound card and speakers recommended
- 2X CD-ROM drive or higher; 4X CD-ROM drive recommended
- 256 Color VGA Monitor
- Microsoft-compatible mouse
- Keyboard
- No hard disk space needed, except for installation of QuickTime™

##### Installation Instructions

1. Insert the *Virtual Activities for Middle School Mathematics, Level 2* disk into the CD-ROM drive.
2. The program should start automatically. If it does not, click **Start** on the taskbar and then choose **Run**.
3. In the Command Line text box, type the drive letter for your CD-ROM drive, a colon, and then the word **MAC2**.  
(Example: **d:MAC2**) Press Enter or click **OK**.

*Note:* The CD-ROM disk must remain in the drive while the program is in use.

## SECTION 1 (continued)

### Installing *Virtual Activities for Middle School Mathematics, Level 2*

#### Using the *Virtual Activities for Middle School Mathematics, Level 2* with Windows

1. Insert the *Virtual Activities for Middle School Mathematics, Level 2 CD-ROM* in the CD-ROM drive. From the Welcome screen, choose your book and click the **GO** button to start the program. The program will display the Table of Contents page ready for you to select the chapter you want to work on.

If the program does not start automatically:

1. Click the **Start** button and choose **Run**.
2. Type the drive name of your CD-ROM drive, a colon, a backslash, and the words **MAC2.exe** (example: **d:MAC2.exe**).
3. Click **OK**.
4. From the Welcome screen, choose your book and click the **GO** button to start the program. The program will display the Table of Contents page ready for you to select the chapter you want to work on.

## SECTION 1 (continued)

### Installing *Virtual Activities for Middle School Mathematics, Level 2*

#### Macintosh Operating System

##### Minimum System Requirements

- A PowerPC processor-based Macintosh Computer
- 32 MB RAM, 64 MB recommended
- 5 MB available space on startup hard disk
- 2X CD-ROM drive or higher; 4X CD-ROM drive recommended
- 256 color monitor
- Mouse
- Keyboard
- QuickTime™ for Macintosh version 2.1
- Macintosh System 8.6 or higher

##### Installation Instructions

1. Insert the *Virtual Activities for Middle School Mathematics, Level 2* disk into the CD-ROM drive. The CD-ROM will open a window on the desktop.
2. To use *Virtual Activities for Middle School Mathematics, Level 2* double-click the **Start MAC2** icon.

*Note:* The CD-ROM disk must remain in the drive while the program is in use.

##### Using the *Virtual Activities for Middle School Mathematics, Level 2* on a Macintosh

1. Insert the *Virtual Activities for Middle School Mathematics, Level 2* into the CD-ROM drive. From the Welcome screen, choose your book and click the **GO** button to start the program. The program will display the Table of Contents page ready for you to select the chapter you want to work on.

If the program does not start automatically:

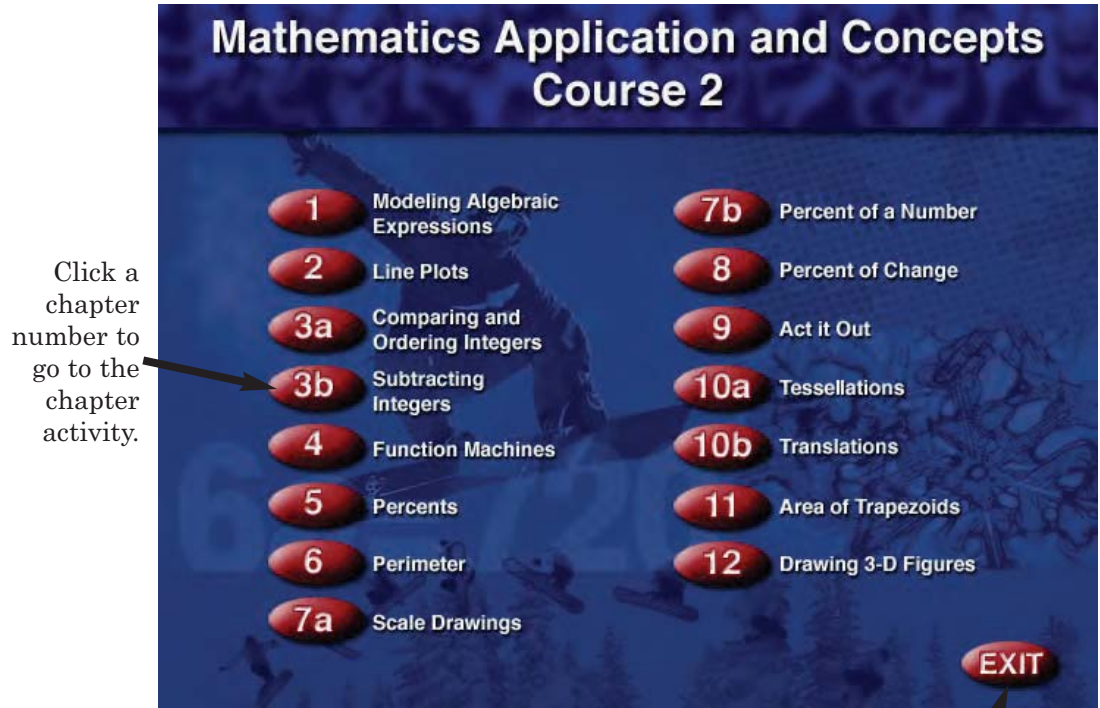
1. Double-click the **MAC2** icon on your desktop.
2. Double-click the **MAC2** icon to start the program. From the Welcome screen, choose your book and click the **GO** button to start the program. The program will display the Table of Contents page ready for you to select the chapter you want to work on.

## SECTION 2

### Navigating *Virtual Activities for Middle School Mathematics, Level 2*

#### Main Menu

The main menu appears after the title screen. The titles are shown. Choose one by rolling over the titles and clicking on the one you choose.



Click to exit the program.

#### Interactive Lessons

Click to scroll down the instructions.

Click to go to the Practice Activity.

Click to return to the Main Menu.

Outcome	Tally	Frequency
A		2
B		5
C		2
D		3
E		3
F		1
G		5
H		3