



Natural Learning

MINERALS OF THE WORLD
Version 2.0 - Online Release Notes
1 AUGUST, 1997

This file contains important information about the Minerals of the World V2.0 CD

- o System requirements.
- o How to install the Minerals of the World V2.0 CD.
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SYSTEM REQUIREMENTS

The Multimedia PC (MPC2) standard defines the minimum hardware required to play MPC2 CD-ROMs:

- * 486 or higher processor (486 DX4-100 or Pentium recommended)
- * SVGA or higher graphics capabilities (16 bit colour recommended)
- * 8 MB RAM
- * 15 MB of free hard disk space

- * 8 bit or higher sound-board
- * CD-ROM drive with 150k+ bps transfer rate (Quad speed+ recommended)

- * Windows Version 3.1 or higher with DOS Version 3.0 or higher
- or--
- * Windows 95

MINERALS OF THE WORLD V2.0 INSTALLATION

Insert the Minerals of the World V2.0 CD into your CD-ROM drive.

Under Windows 3.xx:

Open Windows File Manager, click on the CD Drive Icon (usually drive D: or E: or F:) and double click on the SETUP.EXE program. Then, follow the on-screen instructions. Alternatively, from Program Manager click on the File Menu, select Run and type D:\SETUP.EXE (Substitute the correct letter for your CD drive).

Under Windows 95:

Wait for 30 seconds and setup will start automatically. Alternatively from the Windows Explorer, open the drive containing the Minerals of the World V2.0 CD and double click on the file SETUP.EXE. Or from the Start menu, choose Run and type D:\SETUP.EXE (Substitute the correct letter for your CD drive). Or click on the Add/Remove Programs icon in the Control Panel window and follow the installation prompts as they appear.

The setup program provides you with three different components to install Minerals of the World V2.0 namely TYPICAL, COMPACT and CUSTOM. If you are a novice computer user, we suggest you choose the TYPICAL setup component. If you are an intermediate computer user and not sure what drivers are on your system then we also suggest you choose the TYPICAL setup component.

For Advanced computer user we suggest the following: if you have installed - **Multimedia Toolbook 5.0 Runtime Files** - Then you can choose the CUSTOM setup component and install only what you need, otherwise choose the TYPICAL setup component.

Below are descriptions of components installed on your system using each of the three setup options:

TYPICAL Installation:

The setup program automatically installs all the necessary files to run Minerals of the World V2.0. These files include the Minerals of the World V2.0 Program File, Minerals of the World Database Files, Natural Learning Order Form, ReadMe

File, Multimedia Toolbook 5.0 Runtime Files. The Multimedia Toolbook 5.0 Runtime Files are needed to run Minerals of the World V2.0.

COMPACT Installation:

The setup program will only install the Minerals of the World V2.0 Program File. This provides the user with a quick installation process. Use this method of installation if your program files are corrupted or accidentally deleted.

CUSTOM Installation:

The setup program install only the files that are ticked by the user. This method of installation is a perfect way to install or reinstall a single file.

When complete in Windows 3.xx there should be a Natural Learning Titles group with a Diamond icon for the Minerals of the World V2.0 CD, an Order book icon, a readme icon and an UnInstall icon. In Windows 95 the Minerals of the World V2.0 folder is added to the start menu. Finally re-boot your computer before double clicking on the Diamond icon to run the Minerals of the World V2.0 CD.

NOTE: It is important that your computer system has all the necessary files for Minerals of the World V2.0 to work properly. Without these files Minerals of the World V2.0 may display error messages such as GPF or General Protection Fault. If such a message occurs re-boot your computer and install any missing files as described above.

SOUND PROBLEMS

If, while running the Minerals of the World V2.0 CD, you see a message saying "Your SOUND device driver seems to be disabled", or "Cannot Open Wave File" then you may need to install a SOUND device driver ([MCI] Sound). See your Windows manual for installation instructions. If your system has no sound board the sound effects within the CD-ROM will be switched off. The volume control on the Minerals of the World V2.0 CD does not work with certain sound cards. These cards usually have a manual volume control switch.

COLOUR PROBLEMS

If, after starting the Minerals of the World V2.0 CD, the picture on the "Title" page looks very dithered or spotted you are probably not running a 256 colour VGA driver. The Minerals of the World V2.0 CD requires a VGA driver that supports 256 colours. All of the minerals pictures and many of the illustrations are 8 bit or 256 colour images. Minerals of the World V2.0 can be run on 640x480 screen resolution with small fonts or at 800x600 or 1024x768 with large fonts. It is recommended that your VGA driver be set to 15 bit or 16 bit colour resolution (32,767 or 65,535 colours).

PERFORMANCE PROBLEMS

If you find that Minerals of the World V2.0 runs slowly or if you encounter "Out of memory" errors then Windows probably doesn't have enough memory. Consider doing the following to improve your computer's performance:

- * Close all unnecessary applications.
- * Minerals of the World V2.0 needs a minimum of 8MB of total memory to run. If you do not have at least 8MB of memory, you will not be able to run Minerals of the World V2.0 until you add more memory.
- * Minerals of the World V2.0 needs a minimum of 10MB free in Windows for optimal performance. To check the amount of free memory Windows has available, start Windows, and from Program Manager pull down the "Help" menu then choose "About Program Manager."
- * If you are running Windows in Enhanced mode, set up a permanent Windows swap file on your hard disk. A swap file of greater than 10MB is recommended. See your Windows documentation for more information.
- * Defragment ("clean up") your hard disk by running a defragmentation program such as DEFRAG, which comes with MS-DOS version 6 or higher and with Windows 95.

UNINSTALLING MINERALS OF THE WORLD V2.0 INSTALLATION

Under Windows 3.xx:

To uninstall Minerals of the World V2.0 simply open the Natural Learning Titles Group and double click on the 'Uninstall: Minerals of the World V2.0' icon.

Under Windows 95:

To uninstall Minerals of the World V2.0 open Control Panel and choose Add/Remove Programs applet then follow the instructions on-screen to remove 'Minerals of the World V2.0'.

Uninstall allows Minerals of the World V2.0 to be easily removed if you no longer want to keep the application on the hard disk.

SUPPORT

If you encounter problems installing or running the Minerals of the World V2.0 CD please contact your supplier in the first instance. If your supplier cannot help you with the problem then call Natural Learning on (02) 9629-5448 or fax on (02) 9629-5450. Alternatively, write to:

Natural Learning
PO Box W124,
West Pennant Hills,
New South Wales 2125,
AUSTRALIA

or email natlearn@ozemail.com.au, or visit our web site <http://www.natlearn.com.au>. From overseas dial +61 2 9629-5448.

TUTORIAL

The Minerals CD is designed to be used with just the mouse attached to your computer. As the mouse moves so the arrow pointer moves about the screen.

At the bottom of each screen you will see various button icons such as the world globe, question mark, speaker and the left and right pointing hands. Click on the left or right pointing hands to go to the previous or next page. As the pointer moves over an object which can be clicked it will change shape to a pointing hand. Pressing 'X' will exit the book.

Within the Minerals CD, text is often displayed in a scroll box. On the right of each scroll field are two arrows pointing up and down. To move this text just point to one of the arrows with the mouse pointer and click with the left mouse button.

Usually a mouse will have two or three buttons. The middle button of a three button mouse should not work with the Minerals CD. In text fields like this the right button will cause the text to be copied to the clipboard for use in other programs. The right button may not work correctly on some systems which do not fully comply with the Microsoft Windows specification. The right mouse button is also used on the printer button to set up the printer and on the picture button to copy a picture to clipboard for personal use in another application.

In structure the Minerals CD is similar to a book. It has a title page, a contents page and it has chapters. Within the Tutorial are various pages which explain different aspects of the Minerals CD and teach about crystal systems. The tutorial chapter also contains a periodic table of elements and a glossary on mineral terms.

At the lower left of each page is a light white question mark. Clicking on this question mark activates a help demonstration for the current page. Also on the

lower left of each page is a world globe. Clicking the left mouse button over this globe causes a map of the whole CD to pop up. Click on any page on this map to go to that page.

All buttons within the Minerals CD change the shape of the arrow pointer to a pointing hand. This is done to indicate to you that the arrow pointer is now over a button that can be activated. Some buttons are sometimes inactive and so the caption or icon that appears on the button is greyed out. The arrow pointer does not change to a pointing hand over inactive buttons.

On certain pages there is a button icon with a hand pointing down which is inactive most of the time. It is activated only when a hotword is clicked to open up a different page of information. Clicking on this button will return you to the original page.

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