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# Introduction

## ***What is Astronomy Quiz?***

Astronomy Quiz is a fun way to both evaluate and teach knowledge on several sub-topics of Astronomy. Astronomy Quiz asks questions which range from simple to complex. Students spanning from grade 5 to Adult should enjoy learning the facts disclosed.

Educators may use Astronomy Quiz as a generic computer based testing mechanism by creating their own quiz files. Bitmaps may be associated with questions to support the learning process. Features may be restricted in a class situation to prevent students from requesting the answers.

## ***How would I use Astronomy Quiz?***

The program may be used simply for the enjoyment of learning by checking the answer after each question or to actually compete with others in a classroom arena to determine one's broad knowledge of astronomy related topics. Although clearly not comprehensive, Astronomy Quiz probes the basic concepts of astronomy.

# Getting Started

## ***Installing***

First, you need to install Astronomy Quiz. Extract the installation files using pkunzip on to a floppy disk or temporary hard disk subdirectory. Then install the files using the supplied setup.exe installation program. From the Program Manager choose the File - Run menu, and enter the path of the setup.exe program. Setup will prompt for the destination directory, copy files, and update all of the appropriate Windows DLLs as necessary. After installation, you may delete the setup files clearly identified by their .xx\_ extensions.

## ***Selecting a Test Topic***

Before answering questions, a test set must be selected. This may be done using the File - Select Question Set menu or by clicking on the upper most display panel of the form. There are 8 test topics included in the distribution files.

## ***Choosing Answers***

Now the first question is displayed. Answers may be selected from the combo box at the lower edge of the form. There are usually 4 answers from which to choose.

## ***Moving to Another Question***

Use the UP and DOWN ARROW buttons to move from one question to the next. The Page Up and Page Down keyboard keys may also be used to jump through the questions. Clicking on the question box will move the display to the next question.

## ***Quick Tips***

On-screen help is provided on some controls by placing the cursor over the control in question and pausing briefly. A small box will appear with a brief description of the control's function.

# Printing

## ***Print Questions And Answers***

This option prints the Questions and the Student's Answers of the current question set to the default Windows Printer. This amounts to printing the Student's test answer sheet.

## ***Print Answers***

The correct Answers to the current question set may be printed by selecting this option.

# Options

## ***Set New Time Limit***

Selecting this option will allow you to change the quiz time limit. The time limit is only valid if the Elapsed Time Indicator Option is selected.

## ***Elapsed Time Indicator***

This is a checked option indicating if the Elapsed Time Indicator is to be enabled and displayed. If the option is clicked, the status of the indicator will change to the opposite state that that existing prior to the click. A check mark next to the Option indicates if the Indicator is enabled.

## ***Sounds***

If the Sounds Menu is checked then Sounds are enabled. To change the status of sounds, click on this menu and the status will toggle to the opposite state than that existing prior to the click.

## ***Smile Indicator***

Clicking on this menu item will enable or disable the Smile Indicator. This is a Smiling face picture that shows if the student's answer was correct or incorrect.

## ***Check Answer Button***

If this option is checked, a button is enabled on the quiz form that allows the user to check the answer to the current question.

## ***Answers Viewable in Grading Form***

If this option is selected, then answers will be shown in the printed grading form.

# Quiz Editor

Registered users may create their own tests by using the Quiz Editor.

## ***File Menu***

File menu selections include NEW, OPEN, SAVE, and SAVE AS. They are used to edit and save quiz files and to create new quizzes. The SAVE and SAVE AS menu selections are activated when the program is registered.

EXIT returns the user to the Astronomy Quiz Main Form.

## ***Generating Quiz Files with a Text Editor***

The Quiz File format is simple and a quiz file can be generated using a text editor. One can use Notepad.exe to learn the file format and generate additional quiz files, but it's easier to Register the program and use the built-in quiz editor.

[To print a Registration Form, click here.](#)

## ***Editor Control Descriptions***

Question Edit Frame

- n A question is entered and edited in the white text box contained in the Question Edit frame. The displayed version of the question is shown above this text box in white letters on a black background.

Answer Edit Frame

- n The Answers to the question may be entered in the Answer Edit frame. Answers 1 - 4 must contain one correct or most correct answer. By pressing the buttons to the right of the answers, these answers may be copied into the (correct) Answer area below them. The Answer text must exactly match one of the Answers 1 - 4 above.

Question Navigation Buttons

- n The up/down arrow buttons navigate within the question set. The current question number is indicated in the black panel on the right of the form.

Save Edits Button

- n Any changes made to the questions and answers will NOT be saved as current unless the Save Edits button is pressed. The Save Edits Button is activated when the program is registered.

## ***Saving changes to a File***

Any changes made using Save Edits will NOT be made permanent unless the File - Save Menu is utilized to save the edited question set to file.

# Astronomy Quiz Registration Form

[Click Here to Print the Registration Form](#)

**Name:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**E-Mail Address:** \_\_\_\_\_

**Astronomy Time Version:** \_\_\_\_\_

Send the low \$5 registration fee and the above information to:

**Miranda Scientific**

**200 Horton Dr.**

**Bristol, Tennessee 37620**

# Scoring

Your percent of correct answers may be displayed in the Scoring panel. Two sub-menu Items appear under the Score Menu:

## ***Show Score and Test Status***

Selecting this menu item enlarges the Main Form to disclose a grading panel and a question/answer spreadsheet. Test questions may be selected from the spreadsheet by clicking on the question.

A display panel shows the Percent of questions answered correctly. As more questions are answered, this percentage is updated.

## ***Hide Scoring***

This option returns the main form to its normal condition, hiding the grade information and question spreadsheet.



# Graphics

## *Bitmaps*

- n The pictures have been converted to a dithered 16 color format for acceptable viewing on all types of Windows computer displays. Only graphics files in windows .bmp or .rle formats will work.
- n For those with higher resolution monitors and graphic cards that handle 256 color or higher resolutions, the 16 color graphics files included appear degraded, but they are acceptable and provide adequate resolution for all users. The program and your computer are fine, if the images appear grainy - this is due to the dithering.
- n User created quiz files may specify any .bmp or .rle file having 16 or 256 colors.

## **Additional Help**

### ***Quick Tips***

Quick Tips are provided on many of the Astronomy Test controls. By moving the cursor over a control and briefly pausing, a description of the control's function is displayed.

# License Agreements

## ***Copyright***

Astronomy Quiz is a product of Miranda Scientific, Copyright © 1995. The software may be distributed freely as shareware as long as 1: distribution is provided at no cost for the purpose of evaluation before registration, and 2: the files are distributed unchanged from their original form.

Astronomy Quiz is protected by the copyright laws of the United States of America, as well as the copyright laws of many other countries pursuant to international treaties. No part of the Astronomy Quiz computer program, documentation, or related support files may be reproduced, photocopied, stored on a retrieval system, except by the license agreements below:

## ***Shareware License Agreement***

A limited license at no cost is granted to all users of Astronomy Quiz to test and evaluate Astronomy Quiz for a trial period not longer than 30 days or until two quiz topics are completed. Afterward, the user must either register the software by sending the registration fee to Miranda Scientific or discontinue all use of the software.

## ***Registered License Agreement***

If you have registered Astronomy Quiz by sending the registration fee to Miranda Scientific and you have received a registration number, then you are granted a non-exclusive, one-time transferrable single user license. If Astronomy Quiz is located on a computer network, provisions must be made to restrict simultaneous use to the number of licenses purchased for that network or a site license agreement may be arranged for the network at substantial cost reduction.

## ***Limited Warranty***

Astronomy Quiz software is distributed and licensed as-is. Should the user encounter problems with the software, the total liability of Miranda Scientific is limited to the value of registered licenses (the registration fees). To resolve software problems, and at the discretion of Miranda Scientific, the user license fees may be refunded, or the software will be modified and replaced. In no event shall Miranda Scientific be liable for any damages resulting from use of Astronomy Quiz.

[To find out how to register Astronomy Quiz click here.](#)

# Registration

## **Shareware**

Astronomy Quiz is shareware. Your support is appreciated. Users are encouraged to evaluate this program for a trial period up to the completion of two quiz topics. The trial period allows users to determine if Astronomy Quiz should be registered (see below). A site license is available for educators who would like to use Astronomy Quiz at a school or on a computer network.

## **Benefits of Registration**

Registration will entitle the user to use the quiz editor to make custom quiz files. It also removes the 'Unregistered' label and About form display. (The method to do this is sent to registered users via USPS or E-mail.) The Quiz Editor makes it easy to create your own quizzes. Although Astronomy topics were the first generated for this program, any topic may be covered by generating new quiz files.

Technical Support is available via E-mail at [MirandaSci@AOL.com](mailto:MirandaSci@AOL.com), or [72073,2360@Compuserve.com](mailto:72073,2360@Compuserve.com).

After receipt of the low \$5 registration fee, a registration number will be sent to you via E-mail or USPS which you can use to prevent the initial About Form display and remove the 'Unregistered' caption. Notice of major upgrades will be sent to registered users via Email or USPS.

[Click Here to Print the Registration Form.](#)

## **How do I register?**

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
E-mail Address: \_\_\_\_\_  
Astronomy Quiz Version #: \_\_\_\_\_

Registration Address - send the low \$5 registration fee and above information to:  
Miranda Scientific  
200 Horton Dr.  
Bristol, TN 37620

## **Technical Support**

Technical Support for Astronomy Quiz and suggestions, comments or criticisms are encouraged via Email at [MirandaSci@AOL.com](mailto:MirandaSci@AOL.com) or [72073,2360@Compuserve.com](mailto:72073,2360@Compuserve.com).

## **Other Miranda Scientific Products**

### ***Astronomy Time***

Miranda Scientific's Astronomy Time displays time in several astronomical formats on Microsoft Windows based computers. The display is easy to read and appears similar to a seven-segment LED display. The time displays are large enough to be seen several meters from the computer. Local time, Universal Time, Local Sidereal Time, Greenwich Sidereal Time, and Julian Day are displayed along with a start-stop timer. A full featured on-line help file contains all documentation. The registration fee is only \$5. Contact Miranda Scientific for additional information.

### ***Daily Bible Verse***

Daily Bible Verse is a Microsoft Windows program which displays a unique Bible verse for each day of the year. The program is well suited for the Windows' Startup directory to execute each day. The verses are taken from both the Old Testament and New Testament of the New American Standard Bible. What a good way to start the day! The registration fee is only \$2. Contact Miranda Scientific for additional information.

### ***Print VBCSrc***

Print VBCSrc is a Microsoft Windows program which prints Visual Basic and C/C++ source files in a more readable format than that supplied with the languages. Colors, fonts, module separations, headers, margins may be adjusted to the user's preferences. Any VB or C programmer will enjoy using this tool. Lines of uncommented code are printed at the end of each module. The registration fee is only \$5. Contact Miranda Scientific for additional information.

### ***Daily Time Card Assistant***

Miranda Scientific's Daily Time Card Assistant is a Microsoft Windows program written to benefit those who need to keep a close accounting of the time they spend on various projects. Particularly, for government contracts, this tracking is required to the nearest tenth of an hour. Provisions for saving account numbers and descriptions are provided. The time card may be saved for later retrieval. A time card may also be printed. The registration fee is only \$5. Contact Miranda Scientific for additional information.

### ***Custom Software Services***

Miranda Scientific is available to create custom software products to customer specifications. Contact Miranda Scientific with your proposal via Internet at [MirandaSci@AOL.com](mailto:MirandaSci@AOL.com) or [72073,2360@Compuserve.com](mailto:72073,2360@Compuserve.com).

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