

DISK CONTENTS and INSTALLATION

Most programs have been ‘zipped’ to conserve space. Initially, ‘unzip’ these into a convenient location and then follow the instructions below.

Chemistry Tutor II

Folders for all modules

Install by simply copying all files to a convenient location or leave on the disk.

Run in Internet Explorer by double-clicking “Contents.htm”. Needs the ‘Chime’ plug-in and you must have Java enabled. The Apple QuickTime plug-in may need to be installed if you don’t already have it -

(<http://www.apple.com/quicktime/download/>).

Chime

Install by double-clicking the executable.

Experiments

A simple Word document

Games

Chemical hangman. Double-click “Setup.exe”

Periodic Table Quiz. Copy files to a convenient location and double-click the executable to run, there is no installation. The text file gives a little information.

Picture hangman. A chemical game using the same data as the one above with a number of classical ‘alchemy’ pictures instead of a ‘hanged man’. Setup.exe to install.

IsisDraw

Install by double-clicking both executables.

Presentations

Attitudes

Career

Cosmetics

Food

Medicine

NoChemistry

Semiconductors

University Admissions

All are PowerPoint presentations – see the “Presentations.doc” file for details.

There are several ways of installing and using these files covered in this document depending on your own version of PowerPoint.

Quizzes

Algebra

Particles and Radiation

Spectroscopy

Thermochemistry
Volumetric Titrations
QuizRuntime

A series of numerical quizzes. Read QuizInstall.doc for installation and the use of files in this directory (including the font).

Run Times

This contains all the runtime files needed by all the programs on the disk.
No harm will accrue if you simply copy all of these files to your "Windows/System32" directory. Most (but not all) will be installed by the "setup.exe" files. There is a specialised font that is needed for the "Quizzes" programs and the "Kinetics" simulation requires additional files.

Simulation Programs

Chemical Calculator

Double-click on "setup.exe" to install.

Kinetics

Double-click on "setup.exe" to install.

In addition you must **manually** copy the following files from the "Run Times" directory to the "Windows/System32" directory

Gsw32.exe
Gswag32.dll
Gswdll.dll
Graphs32.ocx

Mass Calculator

Double-click on "setup.exe" to install.

Moles

Double-click on "setup.exe" to install.

In addition you must also install the definitions files found in the "MoleDefine" sub-directory, also by double-clicking the "setup.exe" file found there. This program allows you to change the defaults operating for the main program to suit your own purposes (e.g. number of decimal places required etc.)

Particles and Waves

Double-click on "setup.exe" to install.

In addition you must also install the definitions files found in the "Define" sub-directory, also by double-clicking the "setup.exe" file found there.

Rotations

Two separate programs.

No installation is necessary – copy all the files to a suitable location.

Alternatively, just copy the runtimes (mtext.vbx, spin.vbx and vbrun300.dll) into your "Windows/System32" directory and keep the executable and its datafile (rotdata.dat) together elsewhere in a convenient location.

Simple Vibrations

No installation is necessary – copy all the files to a suitable location. Alternatively, just copy the runtimes (mtext.vbx, spin.vbx and vbrun300.dll) into your “Windows/System32” directory and keep the executable and its datafile (vibdata.dat) together elsewhere in a convenient location.

Spectroscopy

There is an important “Readme.doc” file for this program. Double-click on “setup.exe” to install.

Videos

Codecs

Double-click the executables to install.

LiquidAir

By Liverpool University.

NMR, MS and IR Spectroscopies

By Liverpool U.

Vibration Modes

Animations of vibration.