KIT MAL001   PICAXE Starter Kit for Malta

We are pleased to supply schools in Malta with this starter kit for teaching microcontroller control using the PICAXE system.

All information, programming software and datasheets / worksheets for all kits are available as a completely free download from

www.picaxe.com/malta

All datasheets / worksheets are in PDF format and may be duplicated for use in the classroom.
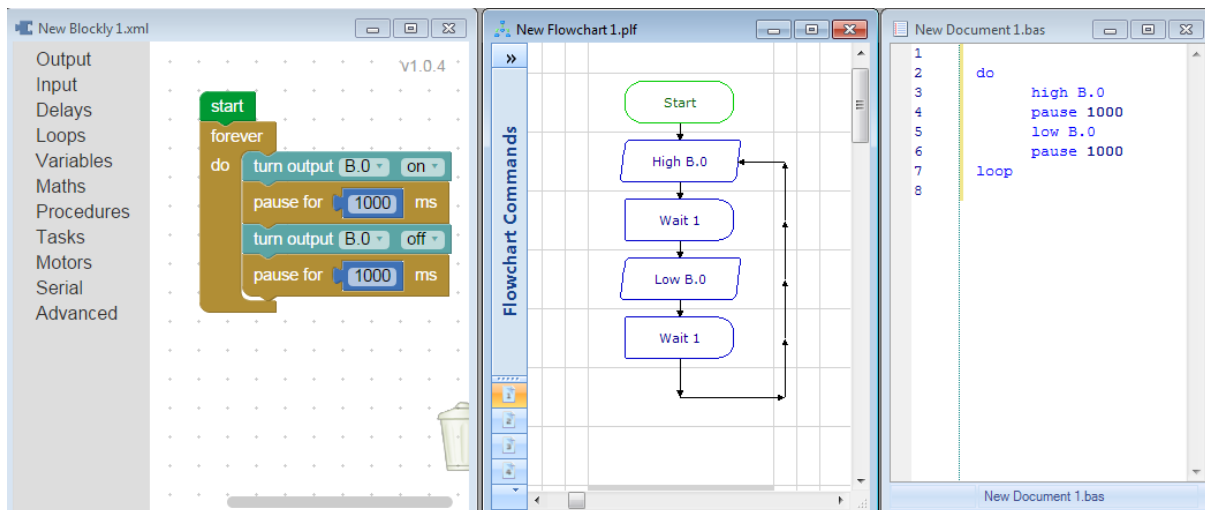

Free Software

All PICAXE kits can be programmed using Blocks, Flowcharts or BASIC. Examples for all three programming methods are provided in the free student datasheets / worksheets. The software also supports on-screen simulation of the students' program.

All software is free of charge and may be installed on school networks as well as teacher and student home computers.

Software is available for Windows, Mac, Linux and Chromebooks.

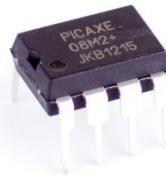Download all software free of charge from www.picaxe.com/malta

Pack 1 – Programming Cables and Spare Microcontrollers

Pack 1	2x	AXE027 USB Download Cables
Pack 1	2x	PICAXE-08M2 microcontrollers
Pack 1	2x	PICAXE-14M2 microcontrollers
Pack 1	2x	PICAXE-18M2 microcontrollers

This pack contains spare microcontrollers and the two AXE027 USB programming cables.

All software and cable drivers are available free of charge from **www.picaxe.com/malta**

Students and teachers may also use the software free of charge at home.

Pack 2 – PICAXE-08M2 Project kits
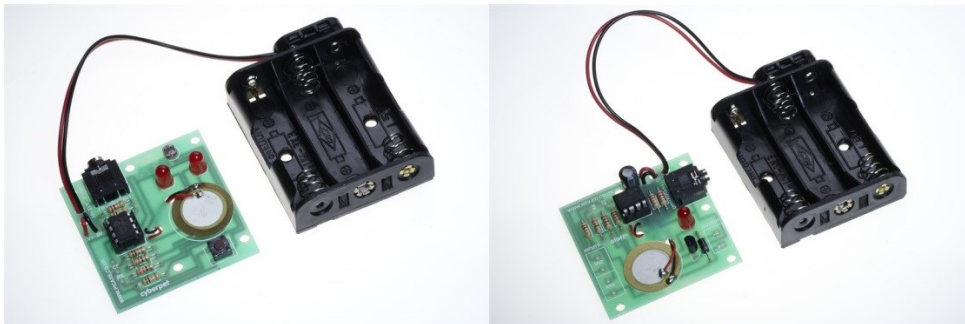
Pack 2A	18x	AXE101 Cyberpet Project PCBs
Pack 2A	18x	AXE102 Alarm Project PCBs
Pack 2A	18x	PICAXE-08M2 microcontrollers
Pack 2A	18x	sets of components
Pack 2B	18x	4.5V battery boxes

This pack contains enough components to build 18 PICAXE-08M2 activity kits. You may choose to build all 18 of one type or to build two different types e.g. 9 Cyberpets and 9 Alarms. The extra unused PCBs and components may be kept as free of charge spare parts.

The data/activity sheets are a free download from **www.picaxe.com/malta**

Pack 3 – PICAXE-14M2 Audio Project Kits
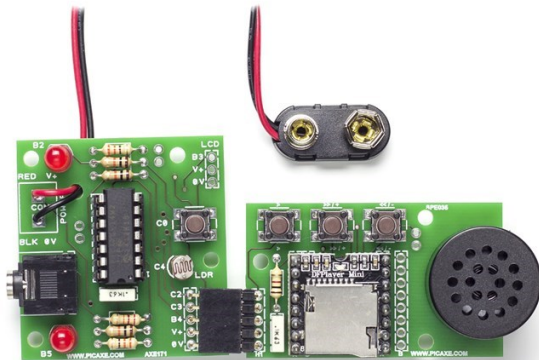
Pack 3	4x	AXE171 PICAXE-14M2 Audio Project Kits, with PICAXE-14M2 microcontroller
Pack 3	4x	SPE035 MP3 Player Kits (plays all MP3 files - speech, music, and MIDI)
Pack 3	4x	4.5V battery boxes
Pack 3	4x	recycled microSD memory cards *(bonus - free of charge)*

This pack contains components to build 4 audio activity kits. 4 recycled microSD cards for the MP3 player are included free of charge. These require MP3 tunes to be copied onto them before use.

The data/activity sheet/MP3 tunes are a free download from **www.picaxe.com/malta**

Pack 4 – PICAXE-18M2 Motor Driver Board
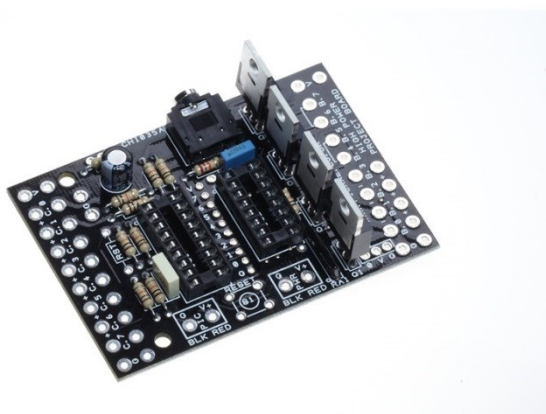
Pack 4A	4x	CHI035 High Power Project Board, fitted with PICAXE-18M2 microcontrollers and L293D motor driver chips
Pack 4A	4x	4.5V battery boxes and clips
Pack 4B	8x	Solar Motors

This pack contains components to build 4 motor activity kits.

The data/activity sheet is a free download from **www.picaxe.com/malta**