

A traditional favourite given a nice touch with good graphics and music. Can you save the victim from the noose?

Musical Hangman runs on a Sharp MZ-80K. By Stephen Davidson



That old perennial word-guessing game Hangman is given a new lease of life on the Sharp MZ-80K by 13-year-old Stephen Davidson of Aberdeen.

Using graphics and the Sharp's musical capabilities, Stephen has produced a simple program that will help

while away the evening hours and will challenge and amuse your friends.

If you have a photographic memory you might have to ask a friend to program in the DATA statement words. Although there are enough there to still keep you guessing.

For those of you who have

MUSICAL MUSICAL MUSICAL MUSICAL

HANGM

```

100 REM
110 REM
120 REM      Hang man
130 REM
140 REM      by
150 REM
160 REM      STEVEN DAVIDSON
170 REM
180 REM
190 TEMP04:DIMMC$(25)
200 GOSUB490:GOSUB580:GOSUB450:GOSUB870
210 FORI=1TOINT(50*RND(1)+1):READ R$:NEXT
220 FOR I=1 TO LEN(R$):POKE 53554+I,42:NEXT
230 AT=0
240 GET A$:IFA$=""THEN240
250 IF(ASC(A$)<65)+(ASC(A$)>90)THEN230
260 FORI=1TO20:IFA$=MC$(I)THEN230
270 NEXT
280 FOR K=1TOLEN(R$):IFA$=MID$(R$,K,1)THEN GOSUB470:IFSU=11THEN940
290 NEXT:IFAT=1THENMUSIC"C1"D"E":GOTO230
300 MUSIC"_D2"
310 MC=MC+1:MC$(MC)=A$:POKE53832+(MC-1)*2,ASC(A$)-64:IFMC=7GOSUB350:END
320 GOSUB330:GOTO230
330 YK=MC+7:LL$=LEFT$(LI$,YK):PRINTLL$:TAB$:H$:POKE4514,10*YK:USR(68)
340 FORDL=1TO100:NEXT:USR(71):RETURN
350 YK=14:LL$=LEFT$(LI$,YK):PRINTLL$:TAB$:H$
360 PRINT"000000000000000000000000";TAB(10);"          ":PRINTLL$:TAB$:H$
370 PRINTLL$:"0";TAB$:H$:FORI=1TO10:POKE4514,10*I:USR(68):NEXT:USR(71)
380 PRINTLL$:"0";TAB$:SN$:PRINT"000000";TAB(23);" The word was: "
390 PRINT"0";TAB(27);R$:FORDL=1TO1000:NEXT:GOSUB1190:RETURN
400 FORYK=8TO14:LL$=LEFT$(LI$,YK):PRINTLL$:TAB$:H$:POKE4514,10*YK:USR(68)
410 FORDL=1TO100:NEXT:NEXTYK
420 USR(71):PRINT"000000000000000000000000";TAB(10);"          ":PRINTLL$:TAB$:H$
430 PRINTLL$:"0";TAB$:H$:FORI=1TO10:POKE4514,10*I:USR(68):NEXT:USR(71)
440 PRINTLL$:"0";TAB$:SN$:GOTO1190
450 PRINT"0000";FORX=1TO20:PRINTTAB(18);"          ":NEXT:RETURN

```