

100 ' CPC Spelling Tutor

110 ' by David Rich

120 ' The Astrad User, August 1988.

130 '

140 GOSUB 1150: 'TITLE PAGE

150 MODE 1

160 '

170 '+ DATA - 20 WORDS PER STATEMENT +

180 '

190 DATA system,asteroid,planet,while,orbit,refer,obviously,imagination,discovered,described,diagram,vary,Saturn,extremely,temperature,although,opposite,beautiful,conditions,wrecked

200 DATA piece,probably,fierce,below,clouds,fifth,company,you're,they're,regard,story,story,asteroids,relation,activity,reduce,rhyme,forty,minister,conductor

210 DATA traffic,witness,transfer,mayor,propose,business,referee,freedom,laziness,classify,Neptune,computer,accuse,here,hearing,government,purpose,cassette,picture,tissue

220 DATA site,sense,journey,cargoes,cease,turkeys,league,pulley,career,license,union,increase,mosquitoes,feature,immediate,opinion,familiar,universe,peculiar,thorough

230 DATA omit,credit,instant,spirit,suggest,commit,official,permanent,liquid,squash,inquire,committee,frequent,president,initials,biscuit,instrument,guilty,orchestra,independent

240 DATA herd,berth,alter,worth,width,observe,perforation,mystery,operation,theatre,information,persevere

```

persuade,stationary,machinery,sympathy,scenery,enthusi
ase,association
250 DATA beginning,relief,enrol,excel,collide,televisio
n,compel,siege,quarrelled,yield,collapse,handicapped,co
llage,collision,request,extension,religion,decision,res
possible,expansion
260 DATA adult,ceiling,capable,rumor,develop,special,de
ceive,seize,advisable,chimney,ornament,indicate,receipt
,departaent,verandah,amazement,arrangement,especially,o
rganisation,determination
270 DATA library,fuel,publish,chorus,terrible,horrible,
signature,scheme,temperature,fiction,sensible,confidenc
e,invisible,reference,librarian,influenza,recommend,inf
luence,catalogue
280 DATA title,vacant,popular,benefit,council,committee
,opponent,fulfil,stationery,suggestion,practise,populat
ion,majority,security,community,association,situation,i
mmediately,authority,comission
290 DATA eighth,average,surface,calendar,system,issuence
,section,fraction,numerous,practice,calculator,decimal,
century,circular,practical,column,remainder,percentage,
rectangular,parallel
300 DATA serious,miserable,severe,disease,muscle,valuab
le,movable,medicine,operation,pyjamas,ambulance,physica
l,perserver,patient,collapsed,stomach,cautious,emergenc
y,conscious,surgeon
310 '
320 ' ***** INITIALIZE *****
330 '
340 DIM word$(20),check$(20),cross$(20)
350 score=0:b=0:c=0:d=0:erro=0:turn=0
360 INK 3,18
370 '
380 '** ASSIGN WORDS TO word$ ARRAY **
390 '
400 CLS
410 '** PLAYER INPUT FOR WORD LIST AND ** **LEV
EL OF DIFFICULTY**
420 '
430 GOSUB 850:** PLAYER INPUT FOR WORD LIST
AND LEVEL OF DIFFICULTY**
440 '
450 ' *** READ DATA INTO WORD LIST ***
460 '
470 FOR A=1 TO 20
480 READ word$(A)
490 NEXT
500 '
510 ' **** DISPLAY WORD FROM LIST ****
520 '
530 CLS
540 FOR A=1 TO 20
550 PEN 1:c=c+1:LOCATE 15,5:PRINT word$(A)
560 FOR PAUSE = 1 TO quick:NEXT
570 '
580 CLS
590 ' ***** TEST WORD *****
600 '
610 LOCATE 5,20:PRINT "TYPE IN THE WORD YOU JUST READ":
PRINT:PEN 3:PRINT TAB (12);"(use lower case)":PEN 2:PR
INT:PRINT TAB(14);:INPUT check$
620 turn=turn+1:IF check$(1)=word$(A) THEN cross$(A)=word
$(A) ELSE 650
630 IF c<3 THEN LOCATE 5,20:PRINT SPACE$(30): PEN 2: LO
CATE 15,10: PRINT "TRY AGAIN":PEN 1:FOR pause =1 TO 15
80:NEXT:CLS:GOTO 550
640 IF c=3 THEN PRINT" you need practice on that word..
,watch:":FOR pause=1 TO 2500:NEXT:CLS:GOSUB 1240:LOCATE
13,10:PEN 3:PRINT"get ready":FOR pause=1 TO 1500:NEXT:
CLS:GOTO 660
650 score=score+1:PRINT score:LOCATE 5,20:PRINT STRING$(
30,233):PEN 1:LOCATE 16,20:PRINT"CORRECT!":FOR PAUSE=1
TO 1500:NEXT:PEN 3:LOCATE 15,20:PRINT"get ready":FOR P
AUSE=1 TO 1500:NEXT
660 c=0:NEXT
670 erro=turn-score:CLS:LOCATE 7,5:PRINT"YOU GOT ";scor
e;" WORDS RIGHT":PRINT:PRINT TAB(14);"IN ";turn;" GOES":
PRINT:PEN 3:PRINT TAB(10);"THAT'S A SCORE OF ";score-er
ro
680 IF score-erro=20 THEN PRINT:PRINT" WELL DONE!! A PE
RFECT SCORE!":GOTO 800
690 IF score-erro>16 THEN PRINT:PRINT" GOOD WORK: PLE
ASE PRACTICE THE WORDS THAT TRICKED YOU.": GOTO 71
0
700 PRINT:PRINT" PLENTY OF PRACTICE TO DO YET, I SEE
!"
710 PRINT:PRINT "THESE WERE YOUR PROBLEM WORDS: "
720 PRINT
730 '
740 ' *** PRINT WORDS HELD IN cross$ ***
750 '
760 FOR A=1 TO 20
770 IF cross$(A)="" THEN 780 ELSE PRINT TAB(15);cross$(
A):don't print spaces for empty strings
780 NEXT
790 '
800 FOR PAUSE= 1 TO 2000:NEXT
810 PEN 2:PRINT:PRINT TAB(10);"ANOTHER TURN (Y/N)"
820 PEN 1:K$=UPPER$(INKEY$):IF K$="" THEN 820
830 IF K$="N" THEN CLS:NEW
840 IF K$<>"Y" THEN 820 ELSE 350
850 LOCATE 5,10:PEN 2:PRINT" WHAT LEVEL DO YOU WANT TO
TRY":PRINT:PRINT TAB(8);"(PRESS ";PEN 3:PRINT"H":PEN
2:PRINT"ard":PEN 3:PRINT" M":PEN 2:PRINT"edue":PEN
3:PRINT" E":PEN 2:PRINT"asy")"
860 PRINT:PRINT TAB (11);"press <ENTER> key"

```

```

870
880 * SETS TIMER: HIGHER DIFFICULTY * * DISPLAYS
WORD FOR A SHORTER TIME *
890
900 PRINT:PRINT TAB(18);:INPUT quick$:quick$=UPPER$(qui
ck$):IF quick$="H" THEN quick=300 ELSE IF quick$="M" TH
EN quick=900 ELSE IF quick$="E" THEN quick=1500 ELSE 85
0:CLS
910 FOR PAUSE= 1 TO 1000: NEXT:CLS
920
930 *SETS DATA POINTER TO LIST SELECTED*
940
950 LOCATE 1,10:PEN 2:PRINT " WHICH GROUP OF WORDS WOU
LD YOU LIKE":PRINT:PEN 3:PRINT TAB(3);"(choose 1 to 12 t
hen (ENTER) key)":PEN 1
960 PRINT:PRINT TAB(17);:INPUT choice
970 IF choice>12 THEN 960
980 ON choice GOSUB 1000,1010,1020,1030,1040,1050,1060,
1070,1080,1090,1100,1110
990 CLS:RETURN
1000 RESTORE:RETURN
1010 RESTORE 200:RETURN
1020 RESTORE 210:RETURN
1030 RESTORE 220:RETURN
1040 RESTORE 230:RETURN
1050 RESTORE 240:RETURN
1060 RESTORE 250:RETURN
1070 RESTORE 260:RETURN
1080 RESTORE 270:RETURN
1090 RESTORE 280:RETURN
1100 RESTORE 290:RETURN
1110 RESTORE 300:RETURN
1120
1130 ***** TITLE *****
1140
1150 MODE 0
1160 LOCATE 2,6:PRINT"CPC SPELLING TUTOR":LOCATE 10,10:
PRINT"(";CHR$(64);")"
1170 LOCATE 6,15:PRINT"DAVID RICH"
1180 LOCATE 9,10:PRINT"1987"
1190 FOR PAUSE= 1 TO 5000:NEXT
1200 RETURN
1210
1220 *** WORDS NOT CORRECT IN 3 TRIES *** *** DISP
LAYED LETTER BY LETTER ***
1230
1240 MODE 0:LOCATE 4,10:PEN 2:PRINT"the correct":PRINT
TAB (4) "spelling is:"
1250 FOR B=1 TO LEN(word$(a))
1260 PEN 3:LOCATE 6,15:PRINT LEFT$(word$(A),B)
1270 FOR pause= 1 TO 1000:NEXT
1280 NEXT
1290 FOR pause= 1 TO 1500:NEXT
1300 MODE 1:RETURN

```