Radio Shack
Dealer / Franchise
TRS-80 UPDATE

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** INTERNAL DISTRIBUTION ONLY **
MAY 15, 1980

COMPUTER MERCHANDISING, 700 ONE TANDY CENTER, FORT WORTH, TEXAS 76102

New educational programs for schools ...

The new K-8 Math Program (Kindergarten through 8th grade) is now in stock at T.E.W. The K-8 program is designed to run on a 16K Level II TRS-80. It is designed to be used in a classroom, and is an excellent aid for teachers in drilling students in Math concepts. The program includes placement, drill and testing modes for students in number concepts, addition, subtraction, division and multiplication. The program comes with copies of the programs on both cassettes and diskettes in the new four color binder, and includes a comprehensive teacher manual. The suggested retail price for K-8 Math, Cat. Num. 26-1715, is $199.00. This is a truly comprehensive package for the professional educator.

Also in stock at T.E.W. is the new "Part I: Introduction to BASIC", 26-2150, a complete classroom package designed to be a first introduction to computer programming. The vehicle of this introduction is the TRS-80 microcomputer and the BASIC language. This is the Part I course currently being taught in the computer centers, and includes a teachers manual, 25 student workbooks and a set of 143 overhead transparencies for use with an overhead projector. A package of 25 additional student manuals is available as Cat. Num. 26-2151. Suggested retail prices are: 26-2150 - $159.00, 26-2151 - $65.00. These instructional materials have been designed by professional educators to make teaching the BASIC language, as it operates on the TRS-80, a rewarding task. Further, they require little programming or computer "expertise" on the part of the instructor. Each individual component of these materials has been designed with teachers in mind, and has been tested throughout its development with teachers in a variety of instructional settings.

Additional Patches for Model II TRSDOS 1.2

1. Problem: During a Single Drive, Multi-diskette Copy, a problem can appear when the "MOUNT DESTINATION DISKETTE" message appears. If the problem occurs, you will not be able to go past this message to complete the COPY. The following PATCHes will prevent this problem from happening.

Patch: There are four seperate patches which must be applied.

```
PATCH SYS11/SYS A=2BCC F=CD5F29 C=CDA52D
PATCH SYS11/SYS A=2CD2 F=CD5F29 C=CDA52D
PATCH SYS11/SYS A=2DA5 F=FFFFFFFFFFFFFFFFFFFF
                       C=21A92846230E0D3E09CF
PATCH SYS11/SYS A=2DAF F=FFFFFFFFFFFFFFFFFFFF
                       C=3E01CF3E04CF20FBC9
```

2. Problem: BREAK key and COBOL. As supplied, neither RUNCOBOL nor RSCOBOL will run from a "DO" file. This was done because pressing BREAK with an active DO can destroy ISAM files if it occurs during index updating. The following PATCH will allow you to use DO files. You may COMPILE a series of COBOL programs (with RSCOBOL) using a DO file, and there are several advantages to doing so.

   *** DO NOT ATTEMPT TO EXECUTE "RUNCOBOL" FROM A "DO" FILE! ***

   Patch: PATCH RSCOBOL A=7055 F=C2BF75 C=000000

3. Problem: On some Model II hardware there seems to be a greater than normal occurence of TRSDOS ERROR 49s, which is a lost interrupt on the Floppy Disk Controller (FDC). While running in BASIC, these are currently translated into NF (NEXT without FOR) errors and the errors do not seem to be recoverable. The following patch has had a measure of success in correcting the problem at customer locations, and in internal testing:

   Patch: PATCH IODVRS/SYS A=0B9D F=D0 C=D8

   Note: This patch should be used ONLY if the errors are occurring. If the customer is not having problems, the patch is not needed.

Bad Information ...

It has come to our attention that several people, Radio Shack employees, are telling customers that Computer Services will customize or modify their Radio Shack software. COMPUTER SERVICES WILL NOT CUSTOMIZE OR MODIFY SOFTWARE, AND NEVER HAS. Radio Shack software is sold on an "as is" basis and it is up to the customer to determine whether or not the software will meet his or her needs.

Preferred Customer Sale

The June Newsletter (which is being printed NOW) will announce the first Preferred Customer Sale. This is a sale which will be announced ONLY in the Microcomputer News.

For June, the Voice Synthesizer and VOXBOX will be featured.

	Voice Synthesizer 26-1180	VOXBOX 26-1181
Sale (suggested price)	$299.00	$119.95
Regular Suggested Retail	$399.00	$169.95

Effective dates of the sale will be from June 1, 1980 to June 30, 1980, and regular FLYER procedures will be in effect.

National Parts AXX Numbers

Certain National Parts numbers for the TRS-80 microcomputers and accessories carry an "AXX" prefix. These parts are usually large subassemblies, and can not be ordered by stores. These are only available to Repair Facilities. If a customer wants to order one of these parts, you should refer them to National Parts "National Order Desk", 1-817-531-0274.

Retail Pricing Error in Update 1980-11

In the April 29, 1980 Update 1980-11, 26-2008 Model I Cross Reference shows a suggested retail price of 9.95 this should have been 14.95. Sorry for the error.

TRS-80 Printer Ribbon Life Expectancies

The nominal life expectancies for our printer ribbons are:

	Printer Cat. Num.	Ribbon Cat. Num.	Million Characters	Pages of Type
LP I	26-1150/1152	26-1413	One (1)	208
LP II	26-1154	26-1413	One (1)	208
LP III	26-1156	26-1414	Two (2)	416
WP-50	26-1157	ACT-0159	One (1)	208

The number of characters given is for one ribbon, and is the RATED life of the ribbon. In most cases we find that we actually get many more characters per ribbon than shown.

To give you a comparison, we checked an office supply catalog, for the 16 ribbons which listed expected number of characters, the average was 141,000 or 14% of our expected ribbon life.

The number of pages given assumes 80 characters per line and 60 lines per page.

T.E.W. Out Report as of 5/9/80

26-1405	3 Pack of paper for 26-1153
26-4403	Model II RS-232C cable
26-4554	Model II Accounts Recievable, Series I

Projected delivery dates for items with more than a 30 day backorder.

26-1141	Shipping orders dated	3/27
26-1451		2/22
26-1157		1/10
26-4001		3/31
26-4554		2/20

ULCBAS (Driver program which comes with Lower Case Mod 26-1104) Instruction Modification!

When a BASIC program uses a sufficient amount of memory, it writes over a call in ULCBAS. This causes the computer to freeze up or revert to MEMORY SIZE.

Only the Cassette tape version of the program is affected. To prevent this overwrite from happening, use the following loading procedure for ULCBAS:

```
>SYSTEM  <ENTER>
*?ULCBAS <ENTER>
*?<BREAK>
>READY
>POKE 28829,242: POKE 28830,125 <ENTER> '(FOR 16K)
                      28830,189         '(FOR 32K)
                      28830,253         '(FOR 48K)
>READY
>SYSTEM  <ENTER>
*?/      <ENTER>
```