

the terrible twos...

We are starting on our second year this month! What new things will you see? What new errors will we invent and propagate? With the luck of the Californians, you will be with us through the next year's fiasco! But I'd like to mention that without the support of those like Bill Sias of Color Computer News, Lonnie Falk of the Rainbow, our many program authors, Arnold Pouch (MPP), Greg Wilson (an Australian connection), and Ralph McElroy (CLOAD) who got us started, we would still be sane... July 1982



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*
*   Filename      English Translation      PMODE PCLEAR  Locations  *
*
*   GEOCOV        Geo Art Cover          4      4          7 & 154   *
*   STARMAP       Star Map                4      (4)        33 & 173  *
*   TICKER        Ticker                  (2)    (4)        60 & 194  *
*   ROCKS         Rocks                    (2)    (4)        83 & 211  *
*   NOTES         Learn Notes              (2)    (4)       104 & 228 *
*   MUSICK        Mu-Sick                (2)    (4)       126 & 246 *
*   MENU          Menu (disk only)         (2)    (4)       139 & 256 *
*
*   Locations are for the R/S CTR-80.  If the first copy of a program
*   won't load, try the second.  If neither copy loads, return the tape
*   for disciplining and a prompt replacement.  If you get an OM, FC,
*   or SN error while loading or running a program, you probably have
*   to enter the PMODE and PCLEAR values for the program directly from
*   the keyboard.  (Values in parenthesis are not set in the program).
*   * These programs may use high speed.  Be sure that the computer is
*   slowed down again before doing I/O to tape (POKE 65494,0).
*
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Pretty geometric patterns are created on the screen with Geo Art Cover.

Just in time to miss the lunar eclipse: Star Map! You enter the date, the time, your latitude, and the direction you are facing (in degrees from north), and the night sky is drawn on the screen. If you give it a daylight time, the sun will be shown in its position in the sky. If the moon is in the sky, it will appear as a slightly larger star (it will be placed in the sky first), and its phase will be shown in the upper left hand corner of the screen. You can isolate one of the 42 constellations and have its position in the sky shown. Note - some of the constellations (like Pisces) are in the constellation list, but the stars that make up the constellation have not been added, so it is not displayed. You can change the stars in a constellation and add stars to constellations (know the declination and right ascension). Also, you can save the star list to tape (or have it shown on the screen).

More on the stars - Once a Star Map is drawn, you can get back to the menu by hitting any key. The map is drawn so you can take your TV, hold it over your head, and the sky above you should be similar in appearance to the screen (try it, your neighbors will love it). The star data is stored AFTER the BASIC program by moving the end of program pointer and POKEing the data in the vacant space. If you add data to the program, be sure to save it to tape (with the OUPUT menu option) before playing with it just in case the pointer gets confused and your mods get lost. When you are asked to enter the 'Facing Direction', answer with the degrees from north that the observer is facing. If your computer can take the high speed POKE, you can add 'POKE 65495,0:' to the beginning of line 440.

Give a message to the world - Ticker takes your words and scrolls them vertically up the

screen in LARGE block letters. First, you choose how wide and how high you want each letter. Second, you choose how fast you wish the letters to scroll by (10 is pretty fast). Third, you give the ASCII value of the character that makes up the large letters (ie: if you want the block letters made of blue squares, choose ASCII value 175). A list of the ASCII values is given if you ask for help. Finally, you type in your message and away you scroll! Note: your message can NOT contain lower case letters.

People who live in glass spaceships shouldn't throw stones - but they can shoot asteroids! Rocks is a fun BASIC version of the arcade game.

Perk up your ears! You are about to Learn Notes! Then when you are asked to tune your guitar to middle C, you have a better than even chance of succeeding...

If you are just interested in listening to music (rather than learning it), there's Musick! Musick takes a bunch of notes and strings them together to make some sort of composition. The notes may seem to be random, but they follow a strict set of rules guaranteed to drive you to punk rock.

For the disk users among you, here's Menu. Menu allows you to easily delete files, run programs, rename programs, etc. There is one thing I should mention, however. If you are using the Exatron disk system, this program will not work. There is a command called DSKI\$ in the Radio Shack Color Computer DOS that goes out and reads a sector from the disk. This command is not in the Exatron system (it appears as an exclamation point in the program instead). I have heard that Exatron is working on a DOS that is more compatible to the RS one. This does not mean that the RS one is better (Exatron did NOT use 2K of RAM like Tandy did). But since the Radio Shack DOS is the standard, other disk systems kinda hafta conform to their format.

I wish the word processor would correct my errors...

Please look carefully at the RAINBOW ad in these pages this month. The prices are correct. I'm sorry, Lonnie, but I put in an old ad last month and caused you and some of your new subscribers a bit of problems. P.S. I'll learn to leave the 'u' out of your last name if you'll learn to leave it out of mine...

Also, the SAVE routine given for Space Ace last month was numbered wrong! The lines should have been numbered 5,10,20,30,40 (instead of 10,20,30,40,50).

Finally (I hope), the mod given last month for Notebook had 'I=I-KC' at the end of line 30. It should have been 'I=I+KC'.

Speaking of Notebook (weren't we?)...

The 'Find Character' command in May's Notebook would not find numbers, punctuation, or lower case. Michael Kromeke of Albuquerque, New Mexico fixed it:

```
Change 'CLEAR 100' to 'CLEAR 50' in line 5.
Change line 68 to 'KB=159:GOSUB35:KB=128:I=ASC(I$):IFI<KA THENI=I+KC ELSE
                IFI>32ANDI<64THENI=I+64ELSEIFI>96ANDI<123THENI=I-96
```

A Programmer Reminder...

You MUST have a space in a program line where a keyword (PRINT, THEN, GOTO, etc.) follows a variable or you can run into trouble. For example, in line 68 above, there is a space between the 'KA' and the 'THEN' and a space between the 'KC' and the 'ELSE'.

Just a short pause...

R. W. Odlin of Sedro-Woolley, Washington thought that last month's String Art needed a screen-freeze option. So he added the following line to freeze the screen with an 'X' and unfreeze it with any key: '480 IFK\$="X"THENIFINKEY\$=""THEN480'.

A couple of more bugs (worse than fleas) were found in February's Check Register. H. D. Johnson, Jr. of Decatur, Georgia suggests replacing the colon (:) in line 9040 with 'ELSE' to give a correct balance for deposits. And to correctly insert a deposit, you should change line 4120 to say '4120 IF J=3 THEN 8565 ELSE 4080'.

We have a LOT of trouble with losing the directories on our disks (and so losing the data on the disk). We have found that this is mostly due to the NON-PLATED edge connector on the DOS ROM Pack (I hope Tandy hears this). We have to remove the ROM Pack often to test programs and the connector gets corroded very easily. So the "Disk Doctor" was a godsend! This program allowed us to retrieve 'crashed' disks and create new directories easily! Ya Hoo! It is available from Superior Graphic Software (\$49.95 - 406 Little Mountain Road, Waynesville, NC 28786 - 704-452-4673). Note - it comes with excellent documentation and bad disk to practice on.

I have over 40 T-shirts (I only have to do laundry once a month!). But I didn't have a Chromasette T-shirt. Well, now I do! It has the Chromasette logo in rainbow colors across the front, a little green CLOAD logo under the 'C' in Chromasette, and a blue Chromasette cassette on the sleeve. We are not in the T-shirt business, but we liked the shirts so much that we decided to offer them to you on an as-ordered basis. We will accept orders (no COD's, however) through August 15th, 1982. Then we will have the shirts made all at once and send them to you. You should receive your shirt sometime in the beginning of September. Use the order blank found somewhere in these sheets. Notes: The men's long and short sleeve styles are 100% cotton while the women's french cut style is 50% cotton, 50% polyester (no cassette on the sleeve). All shirts are high quality (would I wear anything else?).

Keep the alligator off me!!!!...

De-Izoding,

Dave

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Summer Software Selection For Your TRS-80 Color Computer



Voyager I

From Avalon Hill
You're on board a spaceship infested with killer robots in this graphic science fiction game. You must clear the 4-level 144-location ship of robots and arm it to self-destruct. Can you do it and escape before you, too, are blown up? High-speed graphics are represented in 3-D perspective representing your eye's view, with instant switching to floor plan maps. Extended BASIC required.
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Ghost Gobbler

From Spectral Associates
In this new and exciting version of the popular arcade game, use your joysticks to move your Ghost Gobbler through the maze, eating dots and power pills to score points. 8 bonus shapes, super sound, and 16 skill levels. Extended BASIC not required; joysticks.
16K Tape, \$21.95



Creatavader

By Fred Scorbo from Illustrated Memory Banks
Create your own antagonist, and fire away! Pick your pet target, or use ours: tv sets, killer tomatoes or smiley faces. Use the joystick to fire your cannon and clear the screen. Look out for the secret target defender! Extended BASIC and one joystick required.
16K Tape, \$18.95



Madness and the Minotaur

From Spectral Associates
Classic adventure game with 200 rooms, assorted friendly and dangerous creatures, 8 magic spells and —of course—treasures. The computer obeys two-word commands such as "get lamp" to move you through your journey. You must enter the castle of King Minos, descend into the labyrinth and collect all the treasures you can.
16K Tape, \$19.95

Color Computer Blockade

By Terry Kepner from Intepro
Compete against a friend or the computer in this real-time, full color arcade game with sound effects. Use your joysticks to draw a barrier around your opponent while avoiding the trap being set for you. Requires joysticks.
Level I 4K/16K or Level II with Extended BASIC
Tape, \$14.95

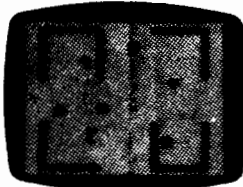
Gator Zone

By Scorbo and Jammaio from Illustrated Memory Banks
Revenge on the Preppies at last!! The Preppy Craze has gotten completely out of control. You must journey to the planet "Preptune" to stop the 'gators from invading earth in assorted garment forms. Use your shirt shields and lasers to protect you as you aim the crosshairs and press the fire button on your joystick. Get the gators before they get your shirts! 3 levels of difficulty. Extended BASIC required; joysticks.
16K Tape, \$18.95



Moon Lander

By Greg Zurwalt from American Small Business Computers
Pilot your spacecraft over the moon's landscape and try to land it amid the mountains and craters. While carefully controlling your fuel consumption, use your joysticks to maneuver your craft and control your velocity against the forces of gravity. Be careful to avoid the asteroids drifting through space.
16K Tape, \$14.95



Robot Battle

From Spectral Associates
Can you dodge the never-ending horde of robots while avoiding the fatal touch of the Android? Realistic voices and 16 skill levels provide a tremendous arcade type challenge. Does not require Extended BASIC; joysticks.
16K Tape, \$21.95

The Super "Color" Terminal

From Nelson Software Systems
Time Share, Smart Terminal, High-speed Data Transfer and Videotex. Turns your Color Computer into a Super-smart terminal with all the features of VIDEO-TEX plus much more. Communicate with Dow Jones, CompuServe and computers like TRS-80 Models I, II, III, APPLE, etc. via modem or RS-232 direct. Save the data to tape, or print it! Cuts on-line costs to a minimum.
Disk, \$69.95 ROM Pak, \$49.95

TRS-80 Color Basic

By Bob Albrecht from John Wiley & Sons
Step-by-step guide to the unique color, sound and graphic capabilities of your new Color Computer. No previous experience is required. Teach yourself BASIC—there's a whole chapter on typical programming problems and solutions.
Softcover, \$9.95

TRS-80 Programs and Applications for the Color Computer

By Alfred Baker from Reston
Handy guide to your Color Computer: how to play games, balance your checkbook, use your computer as a teacher, etc. With chapters on color and sound, art and music. Helpful for beginning or experienced computer user.
Softcover, \$14.95



Color Computer Scarfman

From The Cornsoft Group
Use the keyboard or joysticks to move your Color Scarfman through the maze to gobble up little yellow dots while avoiding 5 red monsters. If Scarfman can eat a yellow plus (+), a monster turns blue and can be eaten. Each time you clear the screen, the level and point value increase. Extended BASIC not required.
4K Tape, \$19.95



Scepter of Kzirgla

From Rainbow Connection Software
Real-time graphics adventure game with arcade sound for the color computer. 13 floors of dungeon with monsters, treasure chests, hidden trap doors... even a flying magic carpet! All in your quest to find the Scepter of Kzirgla. Whatever you do, don't get caught in the poisonous gas cloud! Extended BASIC required.
16K Tape, \$16.95, 16K Disk, \$21.95

Master Control

From Soft Sector Marketing
This is a BASIC language program designed to decrease typing time and error while providing direct control of motor, trace, audio and run. With Automatic Line Numbering and a custom key you can re-use or change at any time; plus 50 preprogrammed command keys. Can be used on a 32K system.
16K/32K Tape, \$24.95



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