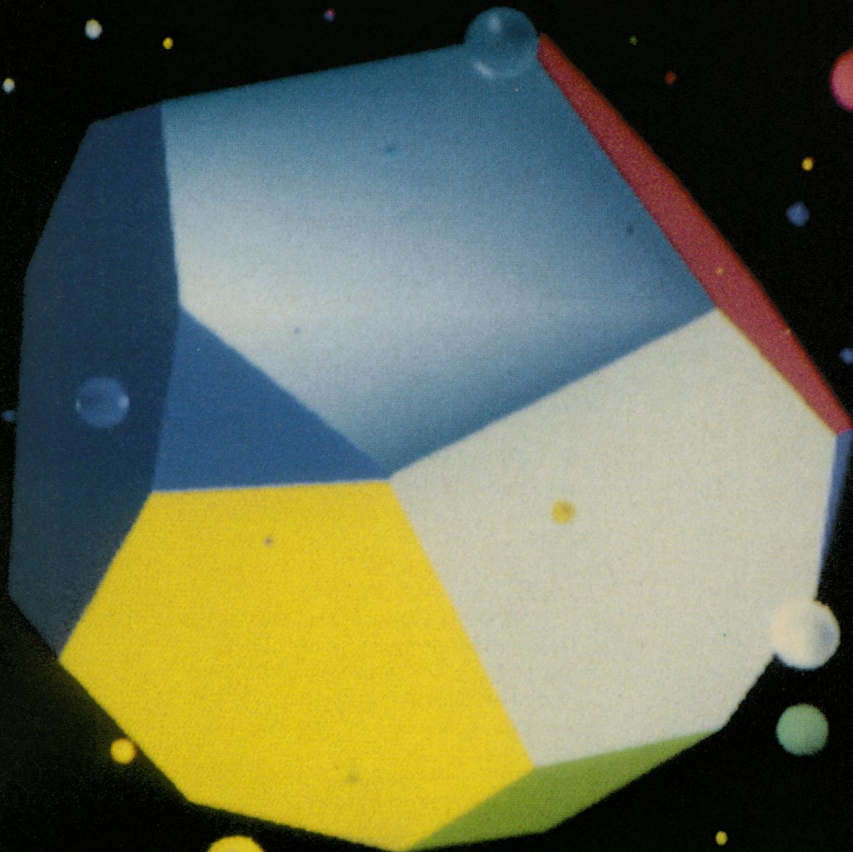


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Mathematical Ornaments

**YEAR-END
REVIEW**

All New Mathematics Calendars for 1990

By Theoni Pappas

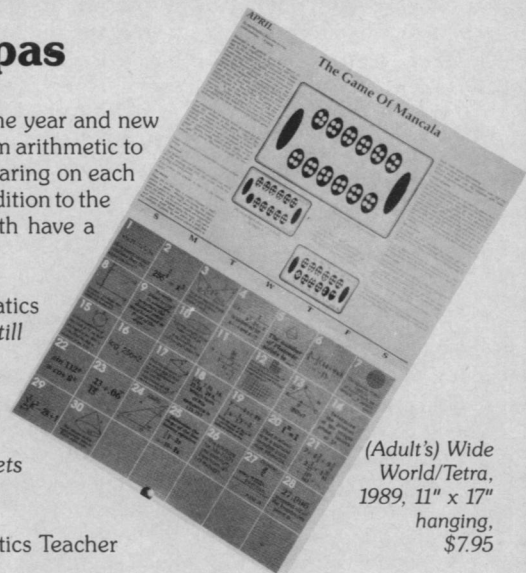
The Mathematics Calendar 1990 has all new problems for each day of the year and new information and graphics for each month. The problems range in difficulty from arithmetic to calculus. **The Mathematics Calendar** is designed so that the problem appearing on each day has as its solution that date. Some problems have general information in addition to the mathematical information. The text and graphics accompanying each month have a wealth of information and even a bit of humor.

"I was frankly unprepared for the incredible popularity of The Mathematics Calendar. It was the most popular item in our Christmas catalog, and we were still being deluged with orders into April."

— Kathy Thurston,
MIT Museum Store

"Attractive, useful, varied — will keep you reminded of the many facets of mathematics . . . interesting, artistic, educational . . . I want my copy, you will too. This calendar is becoming a classic."

— The Mathematics Teacher



(Adult's) Wide World/Tetra, 1989, 11" x 17" hanging, \$7.95

The problems and text in **The Children's Mathematics Calendar 1990** will develop skills, introduce new concepts, stimulate curiosity and present challenges. In addition to stimulating a young person's thinking and helping in the discovery of new ideas in mathematics, this calendar offers a unique opportunity for young people to work with each other, their parents, and their teachers in determining how the solution to each problem is reached.

This calendar is designed so that there is a different problem on each day. The solution to the problem is the date on which the problem appears. But the answer is only one small part in the process of solving a problem. The challenge is discovering how to arrive at the solution, and possibly discovering more than one way to solve the problem. Each year there are *all new* problems, graphics and text. The varied and unique graphics are designed to intrigue, motivate and inform. The calendars include a range of problems that can be used from 1st through 8th grade.

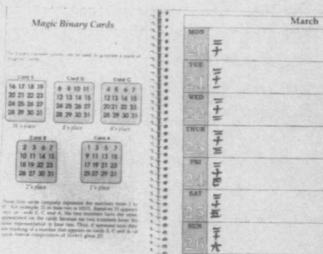
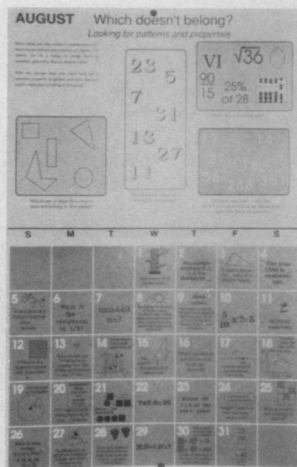
"... attractively produced . . . represents an original idea . . . attracts attention and interest of students . . . motivates sound educational activities."

— The Arithmetic Teacher

"The Mathematics Calendar and The Children's Mathematics Calendar are challenging instructional tools . . . will not only brighten classroom walls but also will challenge, intrigue, and inform both students and teachers."

— Curriculum Product News

(Children's) Wide World/Tetra, 1989, 11" x 17" hanging, \$7.95



each month, plus a different numbering system for each month, such as Maya, Chinese script and Babylonian (in addition to our Arabic numbers).

Wide World/Tetra, 1989, 9" x 12" open, \$8.95

The Mathematics Engagement Calendar 1990. From the author of the popular **Mathematics Calendar**, the diary features four interesting mathematical stories

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Please send the calendar(s) marked below. I include a check payable to Science News Books for the price of the calendar(s) plus \$2.00 postage and handling for each copy. (Maximum \$4.00 charge). Domestic orders only.

- Mathematics Calendar \$7.95**
- Children's Mathematics Calendar \$7.95**
- Mathematics Engagement Calendar \$8.95**

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Kingdom of the Ice Bear picture puzzles



The Arctic — the largest un-touched wilderness left on earth — is a vast pristine area of frozen land and sea that crowns the northern boundaries of Alaska, Canada, Greenland, Scandinavia and the Soviet Union. Often characterized as a lifeless desert of ice and snow, the Arctic is in fact a unique area of rare and subtle beauty. Even in such hostile conditions, a fascinating range of animals — like the shaggy-haired musk ox, Arctic hare, Arctic fox and ptarmigan — have adapted to survive and even flourish on the frontier of existence. Flora and fauna come to life on this 28" x 20", 1000-piece jigsaw puzzle of Arctic land wildlife. \$15.95 (Pictured above.)

The ocean surrounding the North Pole remains permanently frozen, but over the rest of the Arctic seas the ice breaks up and re-freezes each year. Resident ringed seals, bearded seals and walrus, keep breathing-holes open in the ice throughout the winter and spring or live in the areas of permanent open water called polynyas. Male polar bears wander the frozen ocean in search of ringed seals, while in March the female bears emerge with their new-born cubs from winter maternity dens dug in snow banks the previous November. Marine wildlife of the Arctic comes to life on this 28" x 20", 1000-piece jigsaw puzzle. \$15.95 (Pictured above.)

All wildlife shown on the puzzles is identified in a descriptive explanation on the back of the box.

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- Arctic Land Wildlife \$15.95
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