

Especially for young readers

The Mini Page



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By BETTY DEBNAM

So You Won't Be Late In '78



A digital watch is a very up to date way to keep time. All you have to do is push a button. There are many digital watches on sale today. (Digit means numbers or numerals like 1, 2, 3, 4, 5, 6, 7, 8 and 9.)

Mini page photo by Jackson Hill

How Digital Watches Work

How does a digital watch work?

The Mini Page asked a digital watch maker.

They told us they work like a light bulb does when hooked up to a battery.

When the batteries are put into the watch, a part called a crystal begins to move back and forth very fast.

It moves 32,768 times each second.

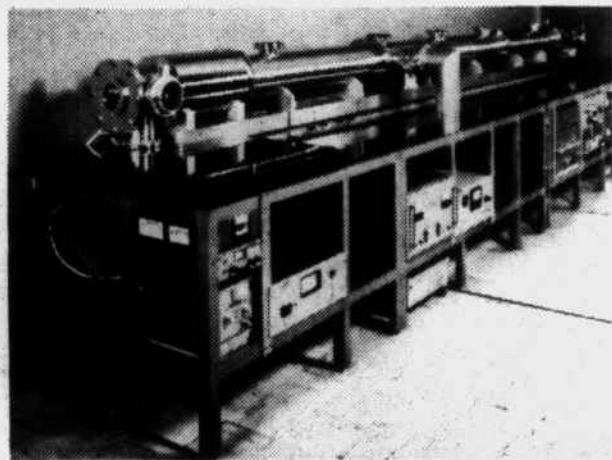
Each time it moves, it gives a signal to the "chip" or brain of the watch.

The "chip" counts the number of times the crystal moves.

When it moves 32,768 times, the brain adds one second to the time stored in its memory.

The Atomic Clock

This clock in Boulder, Colorado, is the most accurate clock in the country.



The atomic clock is called the NBS-6. It is the master time guide for the country. It is one of seven clocks throughout the world that keep the very best time.

About A.M. and P.M.

There are 24 hours in a day.

A.M. is the time from midnight to noon.

P.M. is the time from noon to midnight.

The day begins in the A.M.

This will help kids remember:

A.M. means After Midnight

P.M. means Past Midday

The chart below will help you understand how 24 hours in your life might pass by.

Time	Happening	Time	Happening
1 A.M.	SLEEP	1 P.M.	SCHOOL
2 A.M.	SLEEP	2 P.M.	SCHOOL
3 A.M.	SLEEP	3 P.M.	GO HOME
4 A.M.	SLEEP	4 P.M.	PLAY
5 A.M.	SLEEP	5 P.M.	PLAY
6 A.M.	WAKE UP	6 P.M.	SUPPER
7 A.M.	BREAKFAST	7 P.M.	HOMEWORK
8 A.M.	SCHOOL	8 P.M.	BATH
9 A.M.	SCHOOL	9 P.M.	SLEEP
10 A.M.	SCHOOL	10 P.M.	SLEEP
11 A.M.	SCHOOL	11 P.M.	SLEEP
12 A.M.	LUNCH	12 P.M.	SLEEP