A-B-C-U in SEATTLE

(An activity sponsored by The NCTM-1980 Seattle Meeting)

TOPIC:

Addition and Problem-Solving

MATERIALS:

Paper and pencil

FORMAT:

Large group working individually

DIRECTIONS:

1. The teacher writes the following chart on the chalkboard or an overhead transparency.



$$A = 1¢$$
 $E = 5¢$ $I = 9¢$ $M = 13¢$ $Q = 17¢$ $U = 21¢$ $Y = 25¢$ $B = 2¢$ $F = 6¢$ $J = 10¢$ $N = 14¢$ $R = 18¢$ $V = 22¢$ $Z = 26¢$ $C = 3¢$ $G = 7¢$ $K = 11¢$ $O = 15¢$ $S = 19¢$ $W = 23¢$ $D = 4¢$ $H = 8¢$ $L = 12¢$ $P = 16¢$ $T = 20¢$ $X = 24¢$

2. The value of a word is the sum of the values of the letters.

Examples: CAB is worth 6¢ C A B 3¢ + 1¢ + 2¢ = 6¢ MATH is worth 42¢ M A T H 13¢ + 1¢ + 20¢ + 8¢ = 42¢

NCTM is worth 50¢ N C T M 14¢ + 3¢ + 20¢ + 13¢ = 50¢

- 3. How much is "Seattle" worth?
- 4. What is the value of your first name; your last name?
- 5. Find the value of these words: FUN, CENTER, APRIL, YOU.
- 6. Find a three-letter word worth 10¢ (BAG), a four-letter word worth 20¢ (FEED).
- 7. Find a word worth 25¢, 75¢, \$1, \$1.25, \$1.50.
- 8. If the value of each letter is doubled, will the word value double?

The National Council of Teachers of Mathematics (NCTM) unveils "The Curriculum of the 1980s" at the 58th Annual Meeting - April 16-19, 1980, The Seattle Center, Seattle, Washington.

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