Numbers & Operations

Many of these stations have been designed as an assessment tool for the objectives of the new curriculum. However, teachers may choose to use these as introductory activities, practise activities or centre activities.

These stations lend themselves well to the adaptive dimension of the Core Curriculum. See <u>The Adaptive Dimension in the Core Curriculum</u> available in all schools. The document can be ordered from the Book Bureau (#1655). Changes can be made to the context or to the level of difficulty to adapt to the individual needs in your classroom.

Similar stations can be created by using activities from textbooks and other resources. Binders that accompany manipulatives are an excellent source of ready-made activities.

A few excellent resources are:

Name	Distributor	Where to Order	Order #	Cost
Pattern Blocks 6-8 (Active Learning Series)	Exclusive	Book Bureau	7191	\$29.85
The Geoboard Collection 7-9 (Active Learning Series)	Exclusive	Book Bureau	0089	\$31.00
Fraction Blocks (Active Learning Series) - (g	Exclusive ood for reteaching)	Book Bureau	7192	\$32.00
Connections Grade 8 Also recommended for Geo/Measurement (Creative Publications) - (g	Addison-Wesley good for reteaching)	Addison-Wesley Publishers	SC5-0-56107-058-0	\$30.75

NCTM Addenda Series

Getting ready . .

Station #1 Record the following numbers on a audio-cassette. Be sure to read clearly, slowly repeating each number 3 times.

a)	59231	b)	302 003	c)	565
d)	2800	e)	950 293 028	f)	8 billion
g)	192.2917	h	six hundred and six ten thousandths		
i)	3 tenths	j)	60 million, 3 thousand seven		
k)	three twelfth	l)	seven sixteenths		
m)	45 hundredths	8	n) nine billion	six hundı	red thousand forty

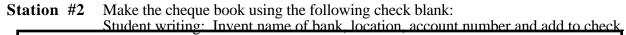
Add any other number that you wish..

On the other side of the card, write several numbers that you wish students to read orally on cassette.

NOTE: 1. With metric system we do not use "and" as we read larger numbers. "one hundred two" **NOT** "one hundred <u>and</u> two"

2. NO commas! "2 000" and NOT "2,000"

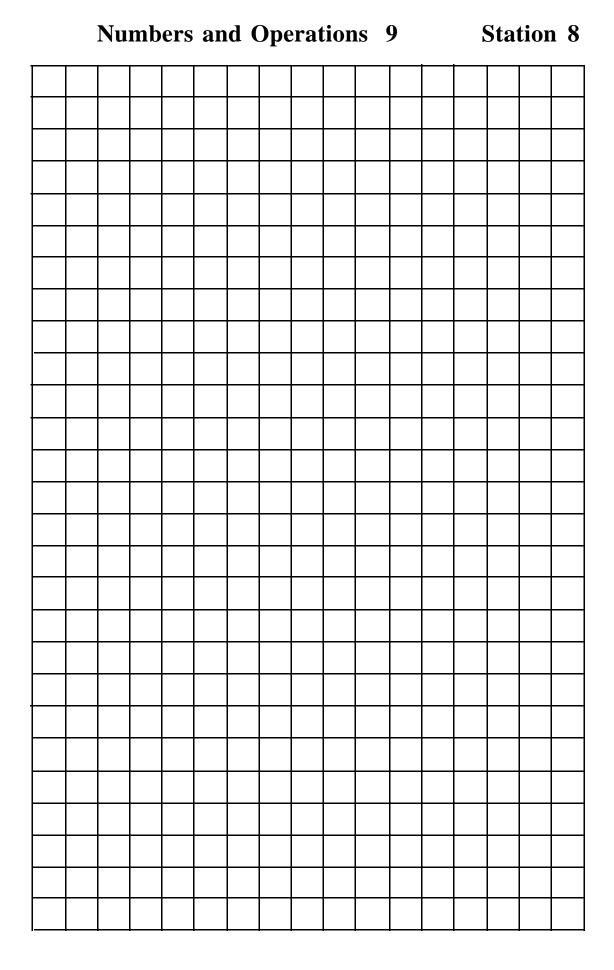
This station is an excellent way to test students on large numbers without taking hours of the teacher's time. Students sometimes have difficulty with large numbers and this is a good way to let them hear and write what they hear.

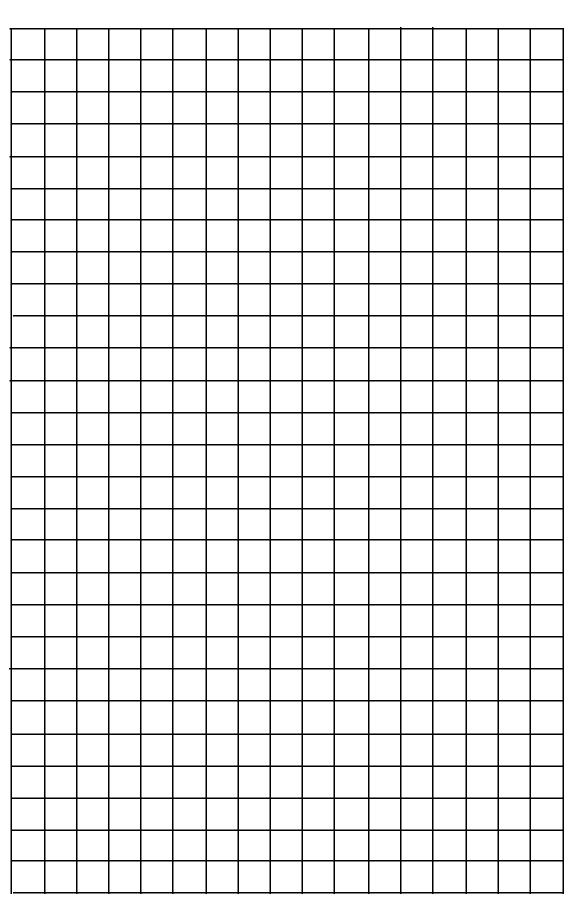


Cheque #	19
Pay to the order of	\$
	DOLLARS 100
	Signature

Station #3 Great way to integrate the library with mathematics and science.

Station #4 This station could be incorporated with this year's Telemiracle.





Numbers and Operations 9 Station 9

- **Station 17** Students enjoy presenting information in 3-D. This caters to those students who are visual-spacial and allows them to be creative.
- Station 18 Doubled -sided counters are available commercially from most companies that sell mathematics manipulatives. they can also be made by placing large lima beans at the bottom of a cardboard box and spray painting them on one side. Apply a couple of coats and let dry. Store in plastic containers or small boxes.
- **Station 19** Students learn to catagorize when using concept maps. This also help those students who are global learners. They like to start from the "big picture".
- Station 23 Adding machine rolls are available at discount prices in large office supply stores.