Math Magic Index of Topics, Concepts, and/or Skill Covered*

(Click on issue number to see that issue.)

ISSUE LINKED	TO TOPIC(S)	CONCEPTS/ SKILLS (grade levels)
1	Mini Flash Cards and a system	to learn 36 basic multiplication facts (4-8)
2	Strategy for learning the 9 tables	an assist to outright memorization (6-8)
3	The nature of mult. & division	as repeated addition or subtraction (6-8)
4	Magic Number Cards activity	mental addition, thru. Base-two, functions (3-12)
5	Building base two cards	theory of base two w. online support (7-12)
6	Lois with die trick & 1,4,9,2 -->100	order of operations (4-8)
7	Single digit rounding for estimation	checking work (6-8)
8	Addition of column trick	practice addition, theory of manipulation (7-12)
9	How Long is a Million Dollars?	concept of million, feet to miles, approx. (7-12)
10	How Long is a Light Year	math & Science, large numbers (7-12)
11	Heart as a Super Machine	math, biology, (7-12)
12	Model of planets and sun	ratio and proportion (5-12)
13	Distance model of solar system	ratio and proportion (5-12)
14	Large and small Numbers (2)	base ten exponents, names of numbers (7-12)
15	Activities using Ratio and Proportion	Using R & P to make models to view and understand world phenomena. (5-12)
16	Games/activities & winning Strategies	first to 21 game; Guess my Rule. (4- 12)
17	Arrays to explore mult. and division	using graph paper to represent numbers (5-8)
18	How fast airplanes fly (Eng./Span.	about speed of sound, speed of light. (6-8)
19	Lesson plans for Circle Activity	vocabulary, comparing d and C of circles (6-8)
20	Reducing the World to 100 People	introducing percent in a thematic activity involving geography, history, sociology…. (6-12)

* Helpful Guidelines: 1) Student/Teacher Contract I developed 2) my philosophy teaching/doing Activities where all students are encouraged to participate