

Humanistic Mathematics Network Journal

Issue 25

Article 10

8-1-2001

Galactic Hippodrome

Arnold L. Trindade
City University of New York

Follow this and additional works at: <http://scholarship.claremont.edu/hmnj>



Part of the [Mathematics Commons](#), and the [Poetry Commons](#)

Recommended Citation

Trindade, Arnold L. (2001) "Galactic Hippodrome," *Humanistic Mathematics Network Journal*: Iss. 25, Article 10.
Available at: <http://scholarship.claremont.edu/hmnj/vol1/iss25/10>

This Poetry is brought to you for free and open access by the Journals at Claremont at Scholarship @ Claremont. It has been accepted for inclusion in Humanistic Mathematics Network Journal by an authorized administrator of Scholarship @ Claremont. For more information, please contact scholarship@cuc.claremont.edu.

instrumental understanding.

6. Provide students with experiences in self-assessment to help them develop self-correcting and self-monitoring abilities.

REFERENCES

- Buschman, L. "Communicating in the language of mathematics." *Teaching Children Mathematics* 1 (February 1995): 324-329.
- Bruner, J. "On learning mathematics." *Mathematics Teacher* 88 (April 1995): 330-335. (Republication)
- Cangelosi, James S. *Teaching Mathematics in Secondary and Middle School: Research-Based Approaches*. New York: Merrill, 1992.
- Cramer, K. & Karnowski, L. "The importance of informal language in representing mathematical ideas." *Teaching Children Mathematics* 1 (February 1995): 332-335.
- Davis, R. "How many ways can you "Understand"?" *Arithmetic Teacher* 34 (October 1986): 3.
- Garofalo, J. & Mtetwa, D. K. "Mathematics as reasoning." *Arithmetic Teacher* 37 (January 1990): 16-18.
- Helton, S. M. "I think the citanre will hoder lase: Journal keeping in mathematics class." *Teaching Children Mathematics* 1 (February 1995): 336-340.
- Huinker, D. M. "Interviews: A window to students' conceptual knowledge of the operations." In Norman L. Webb (Ed.), *Assessment in the Mathematics Classroom: 1993 Yearbook* (pp. 80-86). Reston, VA: NCTM, 1993.
- Kieran, C. "Doing and seeing things differently: A 25-year retrospective of mathematics education research on learning." *Journal for Research in Mathematics Education* 25 (December 1994): 583-687.
- Lambdin, D. V. "The NCTM's 1989 Evaluation Standards: Recycled ideas whose time has come?" In Norman L. Webb (Ed.), *Assessment in the Mathematics Classroom: 1993 Yearbook* (pp. 7-16). Reston, Aa: NCTM, 1993.
- National Council of Teachers of Mathematics. *Curriculum and Evaluation Standards for School Mathematics*. Reston, VA: NCTM, 1989.
- National Council of Teachers of Mathematics. *Professional Standards for Teaching Mathematics*. Reston, VA: NCTM, 1991.
- Owen, L. "Listening to reflections: a classroom study." *Teaching Children Mathematics* 1 (February 1995): 366-369.
- Skemp, R. "Relational understanding and instrumental understanding." *Arithmetic Teacher* 26 (November 1978): 9-15.

Galactic Hippodrome

Arnold L. Trindade
Glen Cove, N.Y.

The sun whirls round
The Milky Center—eleven years

The earth mobile whirls around the sun
Three hundred and sixty five days

The satellites and space stations
Around earth: ninety minutes

Congressmen and Senators
Around the amphitheater floor
Two or six years

The wife and hubby
Around the cradle of baby
Two, five or seven years

The sum total of all mobile rounds
Square roots of distance
Speed over time?
On the Galactic Hippodrome!