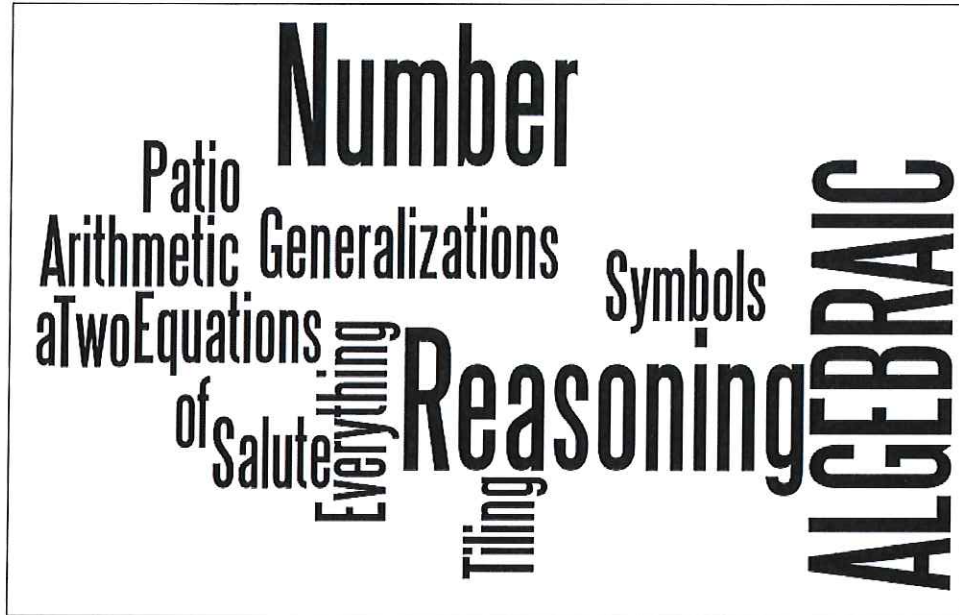


Where is Number in Algebraic Reasoning?



Rice University School Mathematics Project

Houston, Texas

<http://rusmp.rice.edu>

Susan Troutman

troutman@rice.edu

Associate Director for Secondary Programs

Carolyn L. White

clwhite@rice.edu

Associate Director of Elementary and Intermediate Programs

INTERNET RESOURCES

❖ Scales and Balance



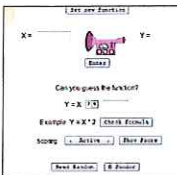
http://nlvm.usu.edu/en/nav/frames_asid_324_g_3_t_2.html

❖ Pan Balance Shapes



<http://illuminations.nctm.org/Activity.aspx?id=3531>

❖ Function Machine:



<http://www.shodor.org/interactivate/activities/FunctionMachine/>

❖ Function Machine Math Playground



<http://www.mathplayground.com/functionmachine.html>

❖ Stop that Creature!



<http://pbskids.org/cyberchase/media/games/functions/>

Free Apps for the iPad

- **Visual Algebra Puzzles**



Create your own algebra puzzles then try to solve them! This easy to use, educational tool was designed to work together with Shuttle Mission Math, an algebraic reasoning game in the app store. Puzzles can be solved with at least one of the following visual strategies: Scale Up, Scale Down (multiply or divide),

<https://itunes.apple.com/us/app/visual-algebra-puzzles/id662990649?mt=8>

- **Shuttle Mission Math**



Shuttle Mission Math is a mathematical puzzle game that makes algebraic thinking both visual and interactive. The goal is to find the weight of each space creature and assemble a team for the next shuttle mission.

<https://itunes.apple.com/us/app/shuttle-mission-math/id498617241?mt=8>

- **Algebra Champ**



Game like environment for solving linear equations

<https://itunes.apple.com/us/app/algebra-champ/id398873050?mt=8>

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