

Content Design

How does the **Numbers Up! *Volcanic Panic*** math content relate to the math syllabus?

The Content Design process for the game has included an analysis of the National Council of Teachers of Mathematics Principles and Standards document. The Number Standards outlined in this document, together with the Standards for Problem-Solving, Reasoning and Connections, have provided a design framework for the math content within the game. Math activities have been designed to help students reach the goals set out in these Standards. For easy reference, the NCTM Standards that have been addressed within the Content Structure Framework are presented in table form. These Standards are listed together with the Game Level at which the relevant content is found. This has also been cross-referenced with the “Numbers Up! Age”, which is the game level assigned as a nominal starting point for players when they enter their age.