The Gamification of Learning and Instruction: Game-Based Methods and Strategies for Training and Education

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The Gamification of Learning and Instruction: Game-Based Methods and Strategies for Training and Education
Karl M. Kapp
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Designing Digitally, Inc., a virtual training and 3D environments development company, introduced a simulation devoted to covering the steps involved in typical firefighter training known as REVAS (Rescue, Exposure, Ventilation, Attack, and Salvage). Trainees take on roleplaying missions, virtually assisting in a simulated emergency where the training steps are covered. Their avatars ride a fire truck to a virtual fire in the simulator, climb a ladder using appropriate procedures, engage in a rescue operation and otherwise conduct a variety of 3D training exercises.

The REVAS simulation is one of many examples covered by Karl Kapp (2012) in his new book, The gamification of learning and instruction: Game-based methods and strategies for training and education. Chapter contributors include a range of gamers, academics, CEOs, and training managers for various companies.

The book is not meant to be a step-by-step guide to making games. Rather, it presents more of a big picture approach, offering suggestions for tackling various techniques for gamification of existing instructional material, tailored for different situations in both corporate and academic settings. One example Kapp cites: the DevLearn eLearning Guild joined forces with Tandem Learning to incorporate an alternative reality game (ARG) in the DevLearn 2010 Conference. This approach was reported to be

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