

## **Fun Follows Function:**

# **Ten Tips for Developing Quality Toys**

Carly Shuler, Fellow, Joan Ganz Cooney Center at Sesame Workshop

carly.shuler@sesameworkshop.org

Carla Engelbrecht Fisher, Educational Technologist

carla.fisher@sesameworkshop.org

## **GENERAL RESOURCES**

ACM Digital Library

http://portal.acm.org

Incredible collection of research from a variety of computer fields

Cynopsis Kids

http://www.cynopsis.com/content/view/26/38/

Daily newsfeed concentrating on children's entertainment

Digiplay

http://digiplay.info/

Bibliography of game articles and research

Future Lab

http://www.futurelab.org.uk/

UK based R&D non-profit dedicated to transforming the way people learn through technology

Gamasutra

http://www.gamasutra.com

Resources for video game developers

Games for Change Discussion List

http://www.gamesforchange.org/ourwork

Resources for organizations and individuals using digital games for social change

Kaiser Family Foundation: Media and Health

http://www.kff.org/entmedia/index.cfm

Significant studies about children's media usage

KidScreen

http://www.kidscreen.com/

Magazine, daily news-feed and conferences about the kids' entertainment industry

• NPD: Toy Industry

http://www.npd.com/corpServlet?nextpage=toys-categories s.html

The leading source of toy industry market research

PBS Parents Child Development Tracker

http://www.pbs.org/parents/childdevelopment

A representation of widely-held expectations for what an average child might achieve within a given year

The Joan Ganz Cooney Center at Sesame Workshop

http://joanganzcooneycenter.org/

Resources on using digital media technologies to advance children's learning (especially publications section)

The Preteen Alliance

http://www.lpfch.org/informed/facts/etr.html

Review of the pros and cons of various kinds of research methods with children ages 9-13

Toy Industry Association

http://www.toyassociation.org

Trade association for producers and importers of toys, games and children's entertainment products

Toy Wishes

http://www.toywishes.com

Toy industry trade publication

## **RECOMMENDED BOOKS**

## A Theory of Fun for Game Design

Raph Koster

Paraglyph Press 2005

A primer for any budding game designer

## Augmented Learning: Research and Design of Mobile Educational Games

Eric Klopfer

MIT Press 2008

Argues for the educational advantages of handheld games

## Don't Bother Me Mom -- I'm Learning

Marc Prensky, James Paul Gee

Paragon House Publishers 2006

A positive guide for parents concerned about their kids' video and computer game playing

## **Educational Research: Fundamentals for the consumer**

James H. McMillan

Pearson 2008

Thorough overview of various research methods, but not a how-to manual

## Ergonomics for Children: Designing products and places for toddler to teens

Rani Lueder & Valerie J. Berg Rice

Taylor & Francis 2008

Provides PD guidance on a broad range of issues for young children and adolescents

## **Evaluating Children's Interactive Products: Principles and Practices for Interaction Designers**

Panos Markopoulos, Janet C Read, Stuart MacFarlane, Johanna Hoysniemi

Elsevier Science & Technology Books 2008

Great overview of how to evaluate interactive children's products

## G Is for Growing: Thirty Years of Research on Children and Sesame Street

Shalom M. Fisch, Rosemarie T. Truglio

Lawrence Erlbaum Associates Inc. 2000

Collection and synthesis of key Sesame Street research studies

#### **How the Child's Mind Develops**

David Cohen

Routledge 2002

Overview of cognitive development

#### Into the Minds of Babes: How screen time affects children from birth to age five

Lisa Guernsey

Basic Books 2007

Addresses the ever-discussed issue of screen time with young children

### **Patterns in Game Design**

Staffan Bjork, Jussi Holopainen

Charles River Media 2005

Focus is on general audience games, but has implications for mechanics and game play design

## What Kids Buy: The Psychology of Marketing to Kids

Daniel Acuff, Robert H. Reiher

The Free Press 1999

Good for marketers looking to lean on child development research