

# Archived Information

## Sesame Workshop Mathematics and Science Content

### Television Projects

#### *Square One*

- Comedy variety mathematics show for children ages 10-12; 220 half-hour show library.
- Premiered on PBS in 1987; on air through 1994; now seen on Noggin.
- Research showed significant improvement in problem-solving with novel mathematical situations among children who watched.
- Funders included the National Science Foundation, the U.S. Department of Education, the Corporation for Public Broadcasting (CPB), the Carnegie Corporation of New York, Mellon Foundation, IBM, and Intel.

#### *3-2-1 Contact*

- Varied format magazine science series for children ages 8-12; 240 half-hour show library.
- Premiered on PBS in 1980; on air through 1990; now seen on Noggin.
- Research showed high appeal, knowledge retention, and increased positive attitudes towards science.
- Funders included the National Science Foundation, the U.S. Department of Education, the Corporation for Public Broadcasting and several private foundations and corporations.

#### *Cro*

- Animated, action-adventure science series for children ages 8-12.
- Broadcast on ABC Saturday morning schedule for two seasons, 1993-1994.
- Research showed that CRO viewers demonstrated increased interest in and comprehension of science and technology concepts presented in the show with noticeable effects among girls and low science achievers.
- Funded by the National Science Foundation, ABC, and Columbia Tristar.

#### *Sesame Street*

- Varied format magazine series for broad informal pre-school education; many other manifestations.
- Broadcast for more than 30 years on PBS.
- Mathematics and Science educational objectives focus on early concept development withing a comprehensive, whole-child curriculum.
- Longitudinal research shows that adolescents that were frequent viewers of Sesame Street as preschoolers achieved higher grades in high school, specifically in English, Mathematics, and Science.
- Research also shows that children who were frequent viewers at age 2 had an advantage at age 5 in mathematics, vocabulary, and school readiness.

### School materials

#### *Math Talk*

- School version of *Square One* including video and extensive teachers guide for classroom use.
- Introduced in 1995; still on the market.

#### *Classroom Contact*

- School version of *3-2-1 Contact* including video and extensive teachers guide for classroom use.
- Introduced in 1987; still on market.

### International Projects

#### *Square One* and *3-2-1 Contact*

- Each broadcast in 30+ countries.

#### *Risky Numbers*

- Math game show, spin off from *Square One*; co-produced in Poland, Israel, India, and China.

#### *I Love Science*

- Spin off from *3-2-1 Contact*; co-produced in China.

#### *Sesame Street*

- 20 country-specific adaptations of *Sesame Street* and broadcast of U.S. version in many others. .