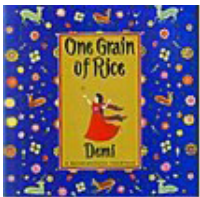




Literature Series

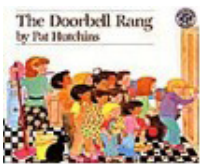
Connecting Open Circle and Math



One Grain of Rice: A Mathematical Folktale, by Demi. Scholastic Press, 1997. Grades 3-4

A young girl uses her mathematical skills to do a good deed for the people of her village. This visually stunning book weaves the theory of exponential progression into a folktale with heart.

Open Circle Themes: Problem Solving, Empathy, Cooperation



The Doorbell Rang, by Pat Hutchins. Greenwillow, 1986. Grades K-2

Every time the doorbell rings, more guests arrive to enjoy freshly baked cookies. A thoughtful host tries to figure out how to divide the cookies so that everyone gets the same amount.

Open Circle Themes: Including Others, Cooperation, Problem Solving



Remainder of One, by Elinor Pinczes. Houghton Mifflin, 1995. Grades K-2

When the queen of bugs insists that her citizens march in even rows, one bug is left out again, and again. Finally, he figures out how to organize his friends in even rows so that he can be part of the parade.

Open Circle Themes: Including Others, Problem Solving



Alexander, Who Used to Be Rich Last Sunday, by Judith Viorst. Atheneum, 1978. Grades 1-3

Alexander is happy when he receives a dollar from his grandparents, but he gets frustrated by all the decisions he faces about how to spend his money.

Open Circle Themes: Recognizing Feelings, Problem Solving



Lion's Share, by Matthew McElligott. Walker Books for Young People, 2009. Grades 1-3

Ant is invited to a special dinner at Lion's house. All the other guests are greedy when it comes to sharing dessert. This story combines concepts of grace and courtesy as well as the math concepts of halving and doubling.

Open Circle Themes: Cooperation, Problem Solving