

Using Picture Books to Engage Students in Literacy and Mathematics

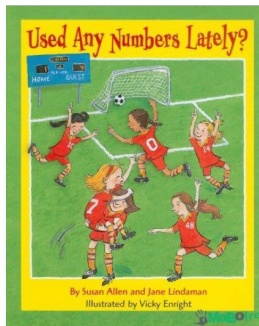
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Characteristics of Readers	Characteristics of Mathematicians
They call upon their prior knowledge to make meaning from text.	They call upon prior knowledge to understand concepts and solve problems.
They are fluent readers.	They are procedurally fluent.
They have a mental image of what they are reading.	They create multiple representations mathematics concepts and problems.
They monitor understanding as they read.	They monitor understanding as they solve problems.
They can clearly explain their interpretation of the text to others.	They can clearly explain their mathematical thinking to others.

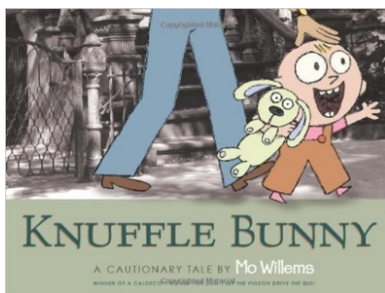
Adapted from Laney Sammons (2011) *Building Mathematical Comprehension*



Used Any Numbers Lately by Susan Allen and Jane Lineman

This book shares twenty-six different types of numbers that can be found in the world. One number is shown for each letter of the alphabet. For example, for the J page - Students see Jersey numbers... that is numbers on the back of jerseys that children wear when playing on a sports team.

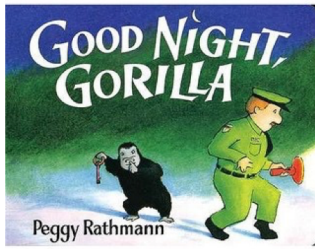
Ideas:



Knuffle Bunny: A Cautionary Tale by Mo Willems

Trixie is a little girl who takes her stuffy, Knuffle Bunny with her everywhere she goes. She has not started to talk and so when she leaves her beloved bunny at the laundromat, she can't tell her Dad what she is upset about and adventure ensues.

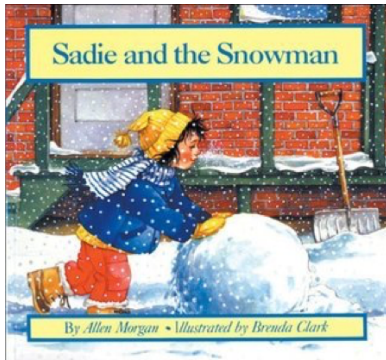
Ideas:



Good Night Gorilla by Peggy Rathmann

It is bedtime at the zoo and the zookeeper is saying goodnight to all the animals. The sneaky gorilla follows the zookeeper on his rounds and lets all of the animals out of their cages.

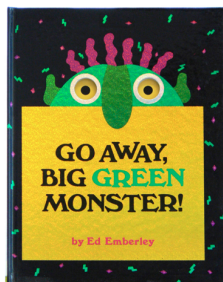
Ideas:



Sadie and the Snowman by Allen Morgan

It is winter and Sadie is excited to build a snowman. She makes her special friend but he melts and the birds take pieces of him away. Sadie continues to make and re-make her snowman friend. Eventually she finds a way to save a bit of him for next year.

Ideas:



Go Away Big Green Monster by Ed Emberley

This book is great for practice making a picture in our heads as we read or hear a story. The monster is described piece by piece by its parts.

Ideas: