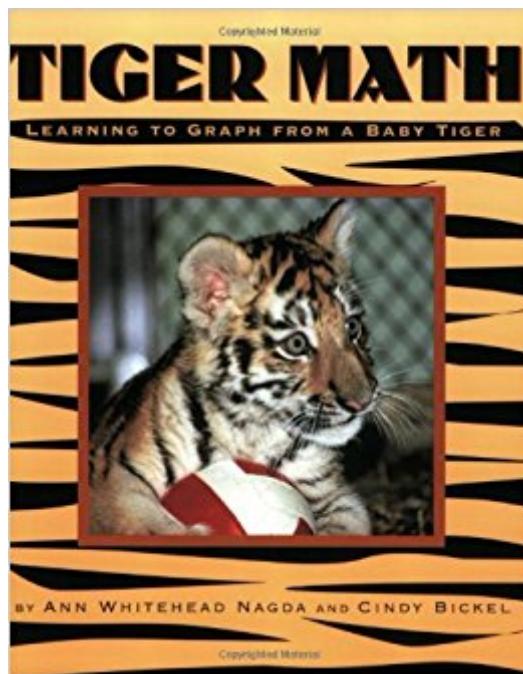


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# Tiger Math: Learning To Graph From A Baby Tiger



## **Synopsis**

Children learn to graph as they follow the growth of an orphaned Siberian tiger cub. A Siberian tiger cub born at the Denver Zoo is orphaned when he is just a few weeks old. At first T. J. refuses to eat his new food, and it requires the full attention of the zoo staff to ensure that he grows into a huge, beautiful, and very healthy tiger. Through photographs, narrative, and graphs, young readers follow T.J. as he grows from a tiny newborn into a five-hundred-pound adult. A heartwarming story about one tiger's fight for survival that also introduces a basic math skill.

## **Book Information**

Lexile Measure: 810L (What's this?)

Paperback: 32 pages

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Product Dimensions: 6.5 x 0.1 x 0.4 inches

Shipping Weight: 4.8 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 9 customer reviews

Best Sellers Rank: #116,605 in Books (See Top 100 in Books) #16 in Books > Science & Math > Mathematics > Applied > Graph Theory #83 in Books > Children's Books > Animals > Lions, Tigers & Leopards #98 in Books > Children's Books > Animals > Zoos

Age Range: 7 - 10 years

Grade Level: 2 - 5

## **Customer Reviews**

Grade 1-4-T.J., a Siberian tiger cub born at the Denver Zoo, is orphaned when he is only a few weeks old. The veterinary staff raises him, feeding him by hand until he is able to eat on his own and be returned to the tiger exhibit. The story is accompanied by graphs on facing pages that chart T.J.'s growth, successfully showing math in "real world" terms. The first charts show how few Siberian tigers remain in the wild and in captivity, helping to establish the importance of saving this one. The doctors need to know how much the young animal eats and how much weight he gains in order to make sure he is healthy. Easy-to-understand picture, pie or circle, bar, or line graphs, all with explanations, appear on the left; facing pages of text and clear full-color photographs are on the right. The photos and story portray T.J. as cuddly and friendly, playing hide-and-seek with his

human keepers and pouncing on them for fun. However, since few children will have the opportunity to interact with a tiger cub, the safety concern is minimal. Overall, an innovative approach to teaching math. Lucinda Snyder Whitehurst, St. Christopher's School, Richmond, VA Copyright 2000 Reed Business Information, Inc. --This text refers to an out of print or unavailable edition of this title.

Gr. 3-6. T. J., a Siberian tiger cub, is born at the Denver Zoo. Ten weeks later, the death of his mother puts his survival in question. The narrative follows the little tiger through the difficult months ahead. The text is paired with four different types of graphs (picture, circle, bar, and line) that display information such as the numbers and types of tigers in the wild, T. J.'s food consumption, and his weight compared with that of his father at the same age. The introduction advises readers to read the tiger's story on the right-hand pages and look at the graphs on the left-hand pages to "learn more and see exactly how T. J. grew." However, those who skip the introduction may find it a little confusing that the text appears to skip pages and that the graphs on the left are not always directly related to the information on the facing page. Also, the use of a tiger-striped background in many of the graphs is visually confusing. Still, T. J.'s tale and the accompanying color photographs may appeal to children, and this is one of the few trade books available to supplement classroom units on graphing. REVWRCopyright © American Library Association. All rights reserved --This text refers to an out of print or unavailable edition of this title.

I like this book because it uses a variety of graphs, and the story is very engaging. The children love seeing the little tiger grow up, and the variety of graphs can be used to spark discussion on what does the graph show, why is it using this type of graph, how does this differ from another graph, etc. I don't do the whole book all at one, I use it more as a chapter style - one graph with one growth trait a day works great.

I love this book. I teach school, and this book makes graphs an emotional experience! When the children see that the baby is eating and growing they cheer! Pictures are so cute!

This is such a cute book and explains the math concepts very well. It does have the baby tiger's mother dying, but my kids weren't too worried about it.

I am a student teacher in a 3rd grade classroom, and I have been using this to teach graphing. The students love it! I have taught three lessons over several days on pictographs, line graphs, and bar

graphs. I have introduced each lesson with a few pages from this book. I highly recommend it! The photographs are wonderful, and it is a great example of using math in everyday life.

I ordered this book for my 2nd grade class. This book is a great teaching tool! Each page has a different graph for discussion with details below. The right side tells the Tiger's story. I am very pleased.

Saved so much \$\$ buying a used identical copy to replace a damaged school book. The book was practically new.

I'm a children's librarian establishing a small collection of picture books which teach math. These Animal Math books are a fantastic addition! Anna Whitehead Nagda and Cindy Bickel are geniuses, coupling the subject of baby animals with math concepts! I've bumped into a real math phobia among both parents and children, but these books are so visually charming that's immediately overcome. I recommend them to anyone, and happily place them beside A Lion's Share, A Very Hungry Caterpillar, and Math Curse.

If you have a little one, work with children, or just love tigers, this is a must!!!! So many math concepts are taught using nonfiction so children can understand the connection easier. The reader follows the tiger from infancy through adulthood using all sorts of graphic organizers to understand things like number of species alive to different types of species, etc. The photos enable the learner to understand the information in an easy manner. And the photos themselves are rich and beautiful. I learned quite a bit myself about tigers and so will you!

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