

# 3.MD.3 Parent Helper

I CAN CREATE A PICTURE OR BAR GRAPH TO SHOW DATA AND SOLVE PROBLEMS.

Your child is learning to create graphs and use the data from the graphs to solve problems.

## Sample Problems:

Using the graph, how many more books were read on Monday than Tuesday?

What day were the same number of books read?

How many books were read in all?

What does the picture of half a book represent on the picture graph? Write the days that students read the most books in order from greatest to least.

## Vocabulary Terms:

Bar Graph

Picture Graph

Data

Title

Key

## Need more resources?

For more resources Google search "3.MD.3 games" or "picture graph games" or "bar graph games." Search 3.MD.3 on [www.learnzillion.com](http://www.learnzillion.com) for more guidance with this standard.

## Helping my child:

If your child struggles with reading graphs you can help them by making graphs together. You can graph the number of minutes each family member spends doing homework, eating a snack, taking a shower, or watching tv. Put the data in a simple table and then help your child create a graph with it.

## Challenging my child:

Is this standard easy for your child? Challenge your child to collect data (such as the kind listed above) over the course of a week and turn it into a picture graph. Have them turn the same data into a bar graph. Discuss the similarities and differences between the graphs. Have your child make a test for you to take using the graphs they made. Get some answers wrong on purpose to offer opportunities for discussion and teaching moments from your child.