## → "Toy Stories: Modeling Rates" activity sheet 1

A graph can also be used to illustrate distance traveled at different points in time.



Design an experiment to test the speed of your toys. How far do they travel over time?

Represent your results as a series of rates at different points in time.

As a group, make a graph showing the distance each toy traveled over time. Compare the speed of the toys in your group. Prepare to present your group results with an explanation of how both the rates and your graph may be used to compare the speeds of the toys.

Caution: Do NOT overwind your toy or it will break!



## **Task Cards**

Your task is to mathematically represent the speed of your toys. In this lesson, you will use rates and a graph to compare the speeds of the different toys.

From the September 2015 issue of