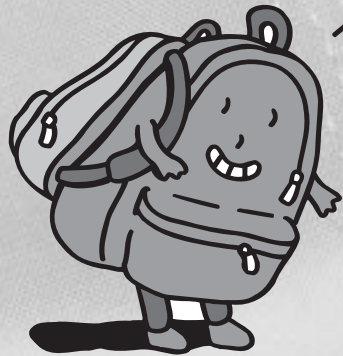




Backpack Challenge

Sent in by T.J.R. of
Kirksville, MO



Is your backpack heavier on certain days of the week?



What You Need

- backpack
(with the books and supplies you carry to school inside)
- scale

- 1 Weigh your backpack for five days in a row (Monday through Friday) as soon as you get home from school. Record your data on one row of the chart, like we did.
- 2 Collect data from other kids that you know. To do this, make a copy of the chart, and cut it into strips. Then give a strip to a friend to fill out. When you get it back, write the data onto a row of your chart.
- 3 What patterns do you notice? Is there a day of the week when backpacks seem to be heaviest or lightest?

ZOOM Backpack Challenge

Grade 4	Boy/Girl Girl	Mon. 5 pounds	Tues. 3 pounds	Wed. 4 pounds	Thurs. 2 pounds	Fri. 3 pounds	Which day is heaviest? Monday	Which day is lightest? Thursday
Grade	Boy/Girl	Mon.	Tues.	Wed.	Thurs.	Fri.	Which day is heaviest?	Which day is lightest?
Grade	Boy/Girl	Mon.	Tues.	Wed.	Thurs.	Fri.	Which day is heaviest?	Which day is lightest?

Send the data you collected to ZOOM, Box 350, Boston, MA 02134 or pbskids.org/zoom.



Do kids in certain grades carry heavier backpacks? Who carries heavier backpacks—boys or girls? Make a prediction and then collect data to find answers to these questions. And be sure to visit the ZOOM Web site to see data from kids across the country.