

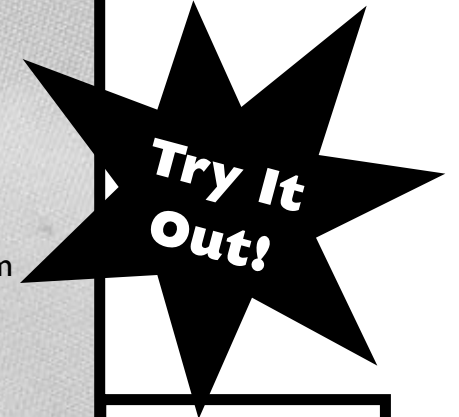


Backpack Challenge

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




Is your backpack heavier on
certain days of the week?



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**?



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.

What You Need

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

Backpack Challenge

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



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