

Often Absent



You need: a computer

ACTIVITY

Mrs McKenzie is the principal of her school. She is concerned about the number of students absent during winter. She checks the register of one of her year 8 classes for a 4 week period. This is what she finds. (Each “a” represents a half-day absence.)

Name	Week 3	Week 4	Week 5	Week 6
Algar, Vince	X X X X a	X X X X a	X X X X a	X X X X a
Baker, Kellie	a a X X X	X X X X X	X a X X X	X X a X X
Cook, Candice	X X X X X	a a a a a	X X X X X	X X X X X
Dimes, Alisha	a X X X X	X X X X X	X X X X X	X X X X X
Eyles, Francesca	X X a X X	X X X X X	X X a X X	a X X X X
Falua, Georgia	X X X X X	X X X X X	X X X X X	X X X X X
Gard, Josh	a a X X X	X X X X X	X X X X X	X X X X X
Harris, Alyssa	X X X X X	X X X X X	a X X a X	X X X X X
Iva, Sean	X X X X a	X X X X X	X X X X X	X X X X a
Knapp, Heidi	X X X X X	X X X X X	X X X X X	X X X X X
Lamb, Nathan	X X a X X	X X a a X	X X X X X	X X X X X
Manu, Paul	X X X X a	a a X X X	a a X X X	a X X X X
Norris, Thomas	X X X X X	X X X X X	X X X X X	X X X X X
Oates, Cameron	X X X a a	X X X X X	X X X X X	X X X X a
Parke, Mikey	X X X X X	X X a a X	a a X X X	X X X X X
Reyes, Nick	X X X a a	X X X X X	X X X X X	X X X X X
Scott, Aidan	a a a a a	a a X X X	X X X X X	X X X X X
Taylor, Damian	X X X X X	X X X X X	X X X X X	a X X X a
Toye, Jeremy	a a X X X	X a a X X	X X X X X	X X X X a
Urry, Samantha	X X X X X	X X X X X	a a a X X	X X X X X
Valli, Bernice	X X X a X	X X X X X	X X X X X	X X X X X
Ward, Melina	X X X X X	X X X X X	X X X X X	X X X X X
White, Angela	X X X X X	X X X X X	X X X X X	a a a X X

- How many days was Heidi Knapp absent?
- Count the total absences for each student over the 4 week period.
 - Enter this information into a spreadsheet and use it to create a bar graph with the bars arranged in order of total days absent.
- Count the total number of absences each day (for example, 3.5 on the Monday of week 3).
 - Enter this information into a spreadsheet and use it to create a time-series graph showing daily absences over the 4 weeks.
- Study your two graphs carefully. Do you think Mrs McKenzie needs to be concerned about the absenteeism in her school? Explain.

