

9Aa ENVIRONMENTAL VARIATION

SB

- 1 Describe two physical environmental factors in your environment at the moment.
- 2 The masses of 30 potatoes were measured and are shown in the box. All the potatoes were from the same variety of potato plant.

101	140	142	119	155	166	149	156	129	138	172	186	141	154	112
165	78	174	138	170	125	121	143	157	147	130	150	185	128	152

- Complete the tally chart to show the number of potatoes in each mass range.
- Show the numbers of potatoes in each mass range on a bar chart.

100–119		
120–139		
140–159		
160–179		
180–199		

Mass range (g)	Tally	Number of potatoes
100–119		
120–139		
140–159		
160–179		
180–199		

- Share your bar chart with others in your group. Write down one way you could improve your bar chart.
- Suggest how the variation could have been caused.
- Give the reason that this is an example of continuous variation.