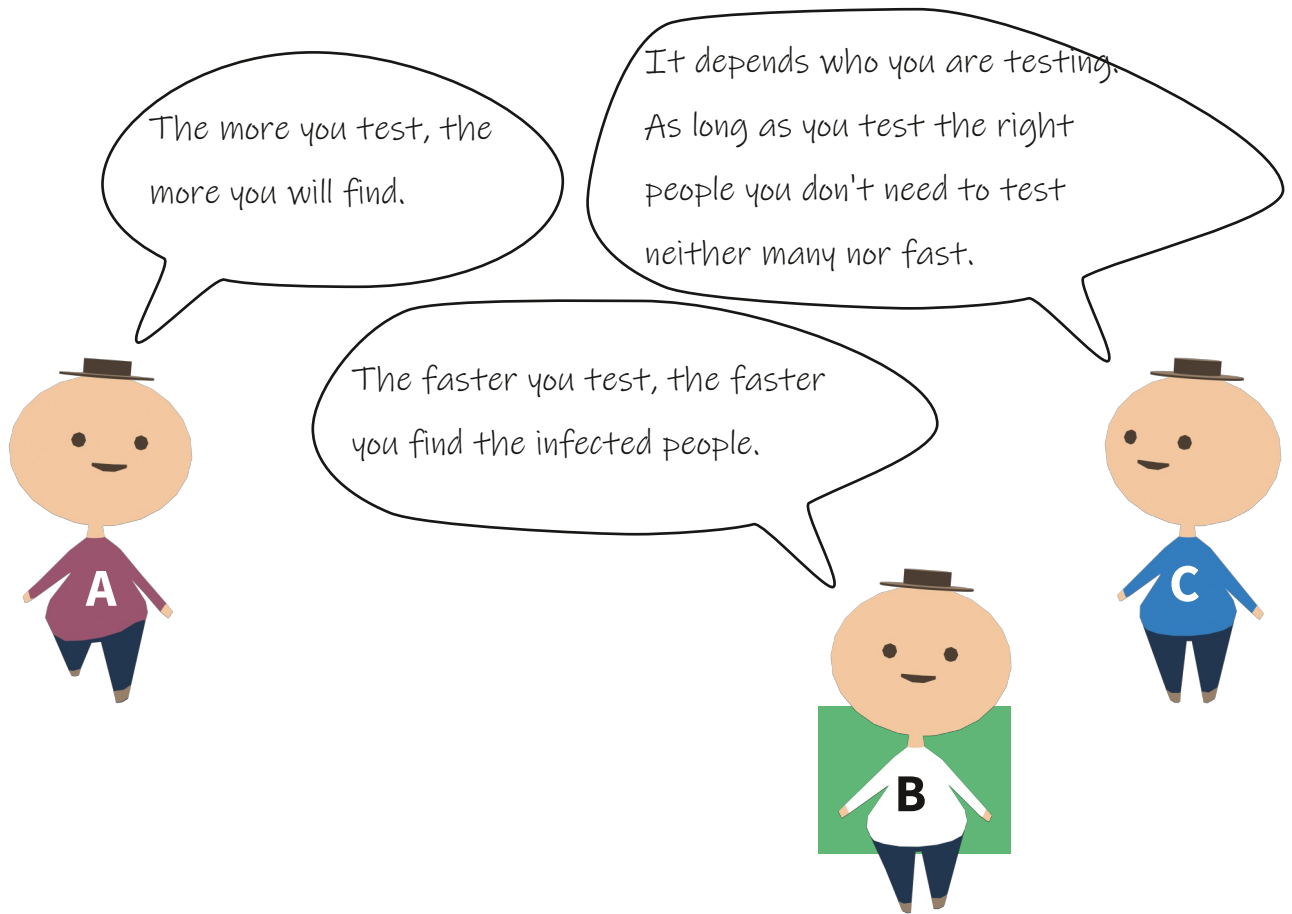


Teststrategien

Chapter 4





Exercise 1

- ?** **1a.** Consider the children's statements. Are they right? Draw and write about your reflections.



Exercise 2

- +•** **2a.** If you want to do well in the Infection Detective, you need to have a good test strategy. Describe your test strategy below and try it out afterwards.

- ?** **2b.** Evaluate your test strategy and consider how it could be improved. Write down your reflections.

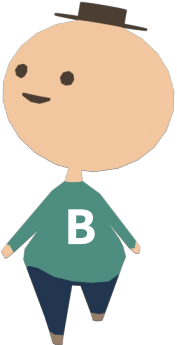
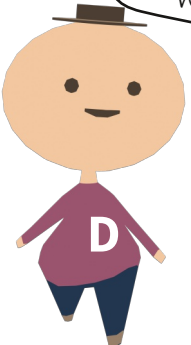
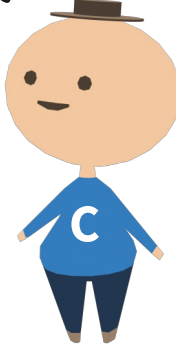
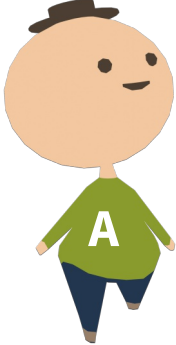
- +•** **2c.** Try out the improved strategy. Was the try out a success? Substantiate your answer.

I suggest we set up a tent somewhere in town. We then test everyone who happens to pass by.

Once we have found one infected, we only need to test those who have been near the infected.

Let's get started testing as many people as possible.

Can't we just test people with symptoms?



Exercise 3

? 3a. Which one of the childrens' test strategies do you consider most efficient? Draw a circle around a figure and substantiate your answer.



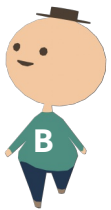
3b. The Infection Detective can be used to test the childrens' test strategies. Explain below how each child's test strategy can be translated into a game strategy.

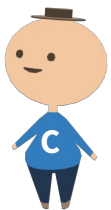


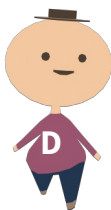
The magnifying glass is placed randomly somewhere on the green area.

The magnifying glass stays in same place during the game.

Everyone who happens to pass the magnifying glass is tested.







 **3b.** Try out the different test strategies and fill out the tables below.

 Number of isolated

	A (number of isolated)	B (number of isolated)	C (number of isolated)
<i>Example</i>	2	10	5
Level 2			
Level 3			
Level 4			
Level 5			

 Number of infected

	A (number of infected)	B (number of infected)	C (number of infected)
<i>Example</i>	5	7	12
Level 2			
Level 3			
Level 4			
Level 5			



3c. What do the numbers in the tables tell about the different strategies?



3d. Evaluate the different strategies - which strategy is the best? Substantiate you answer.



3d. Would you expect to get the same result if you were to repeat your investigation of the different test strategies? Substantiate you answer and repeat exercise 3b.
