



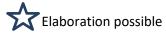
<u>Cancer – Root causes</u>

Exercise 1a) (Individual work)

Watch the first part of the video "Cancer (2014): Every third person will eventually develop cancer" (up to 3:42). Make notes about two questions:

- a) What do all types of cancer have in common?
- b) Which mutagens ("carcinogens") are mentioned?

Notes
Exercise 1b) (Work in pairs) Exchange information with your partner about the questions and your notes. Using your notes, create a short text together about the development of cancer.



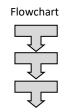




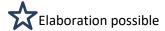
Exercise 2) (Work in pairs)

Watch 3:42 to 7:00 in the video. Pay attention to how cancer can be triggered by viruses.

Together with your partner, use the information from this section of video and your knowledge of the life cycle of viruses to show the effect mechanism of tumour viruses schematically or in a flowchart (see margin for example). Include the difference between RNA and DNA viruses in your diagram.



Additional information pos	ssible		



Cancer – Therapy options

Exercise 3a) (Group work)

Watch the last section of the video together (from 7:00). Compile a list of existing therapy options on the board.

Exercise 3b) (Group work)

The video mentions that cancer prevention will play a role in dealing with the illness in the future. Together, think about which options each individual person actually has to avoid cancer. (You can refer back to the causes of cancer).

