



English for PS, Sek I, Sek II

Dossier Heart

The pump – Nicole's heart defect – Heart and lifestyle – Love

29:45 Minutes

Summary

The heart beats about three billion times during a lifetime, pumping 420 million litres of blood around our body. This corresponds to the water consumption in the city of Zürich in four days. A considerable activity for an organ of the size of a fist. But the heart is not only responsible for the blood circulation: Beating or aching, we know it in the context of love.

Learning goals

The students...

1. The students learn how the heart functions.
2. They also get to know heart diseases and how they are dealt with. The students get an insight into heart research.
3. They are invited to think about their own heart and how they treat it.

Methodical ideas

1. The teacher shows the part in which the beating heart is shown at the beginning of the programme (without sound).
2. The students express their thoughts about what they have just seen: questions, suppositions, knowledge they already have. The teacher writes all that on the blackboard.
3. The students watch the film.
4. Afterwards, the class gets new information down in writing (on the blackboard).
5. The class is then split up in five groups. Each group gets instructions to observe something specifically and take down notes during the second visioning of the programme.
 - Group 1 : Try to find information about the heart as an organ.
 - Group 2 : What heart diseases are presented?
 - Group 3 : How does our heart function?
 - Group 4 : What examination methods do we know?
 - Group 5 : How can we keep our heart fit and healthy?
6. Second visioning.
7. The groups create a leaflet on which they put together, in entire sentences, the most important points of their topic. The teacher copies these leaflets and hands them out in class.
8. The groups present the information they have found and answer questions of other students, if there are any.
9. The students individually do the worksheet on page 16. If necessary, they can once again watch the programme