



BIG QUESTION: Does the pitch of sound affect taste?

Your school has organised a series of visits to a local care home for the elderly. You have been spending time with the residents at lunch times and have noticed a recurring complaint about the food tasting bland. We know that as we get older our taste sensitivity diminishes, so the cook has asked you to try and make dinner times more exciting for the elderly patients without changing the ingredients or recipe. You have recently read some scientific research that suggest that high or low pitched sounds can enhance sweetness or bitterness of foods. Can you explore the change in pitch and see if you can make lunch times more exciting?



Your teacher will play you two soundscapes for the whole class to listen to, while eating a sample of chocolate.



Did the chocolates taste the same while listening to both soundscapes?

Did one taste sweeter than the other?

If not, write down how they tasted different.

Which soundscape do you prefer? Write down your answer.