

Comenius Project: Are you a CO ₂ nsuser?			Activity report 2011-2012		
Number of participants:		Organising School:			
Pupils	26	Alonso De Ercilla, Ocaña, España		O	
Teachers & staff		Middenschool Sint-Pieter, Oostkamp, België		x	
Other participants		Niepubliczne Gimnazjum A.J. Czartoryskiego, Pulawy, Poland		O	
Type of activity			Date:		27/02/2012
staff meeting	O	meeting with parents	O	meeting with pupils	O
classroom activity	x	excursion, study visit,...	O	other	O
Participating class(es):		2a2 2a3		Teacher(s)	
				J.Jacobus	
Description of the activity:					

Protect your ears in your free time!

The pupils studied the properties of sound and the effects of loud music on healthy ears. First they did some experiments on the properties of sound:

- sounds are vibrations of air you can test with a balloon.



- Sounds have differences in volume and frequency..



Nowadays all teenagers use mp3-players or cell phones with earplugs. They listen to music all day. Most players exceed 80 or 90 dB when you use earphones. When you listen to 80dB for 8 hours you will have permanent ear damage. When you listen to 105 dB without protection the damage is instantaneous!



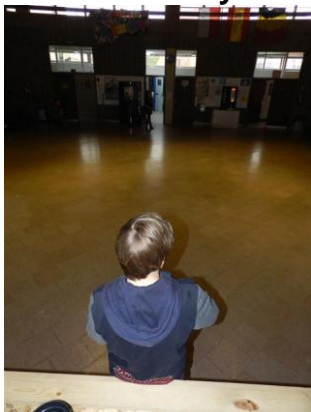
DG Edukacja i Kultura
DG Onderwijs en Cultuur
DG Educación y Cultura



Program "Uczenie się przez całe życie"
Programma "Een leven lang leren"
Programa de Aprendizaje Permanente

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Activity report version 2.0
Second project year 2011-2012

A good consumers buys earplugs to use at a concert or to work in a noisy environment.



Cell phone with earphones at maximum volume: 93.6dB



Mp3-player with earphones at maximum volume: 89.3dB



Mp3-player with headphones at maximum volume: 75.5dB

