

Causes and Consequences of voice disorders among teachers

Propositions

1. Teachers with shorter phonation time were more often identified with voice disorders by a speech therapist, which suggest that phonation time is a good indicator of voice quality (this thesis).
2. Noisy environments of schools will contribute to voice complaints among teachers (this thesis).
3. Voice complaints are a persistent health problem among teachers, given the high prevalence and recurrence of complaints (this thesis).
4. Building characteristics, such as acoustics, partly determine the occurrence of voice complaints among teachers (this thesis).
5. Productivity losses due to voice symptoms among teachers of around 37% of the average teacher's monthly wage support the importance of implementing of voice health promotion programmes at work (this thesis).
6. Community organization and participation is critical in Health Promotion but they do not come about on their own (*Advancing Health Promotion in the Americas, Lessons from 15 case studies. Pan American Health Organization*)
7. Education is the strength fighting against social inequality (*Gustavo Petro, Mayor of Bogotá, Colombia*)
8. Health conditions have influenced the ability of economies to grow over the long-term (*Bonds, Dobson and Keenan, 2012*)
9. All countries face difficulties in affording healthcare, but those faced by the developing world are of a different order of magnitude (*Mills, 2014*)
10. There are many degrees of probable, some nearer truth than others, in the determining of which lies the chief exercise of our judgment (*Christiaan Huygens, 1629-1695*).
11. ...Human beings are not born once and for all on the day their mothers give birth to them, but... life obliges them over and over again to give birth to themselves (*Gabriel Garcia Marquez, Love in the time of Cholera*)