FROM TEACHERS FOR TEACHERS

Joint projects

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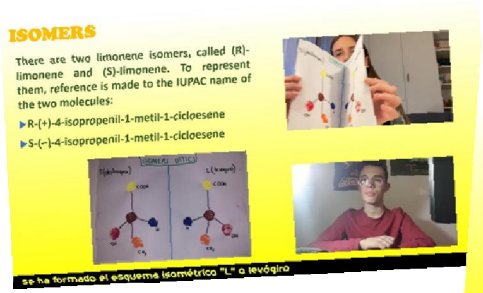
LIMONENE

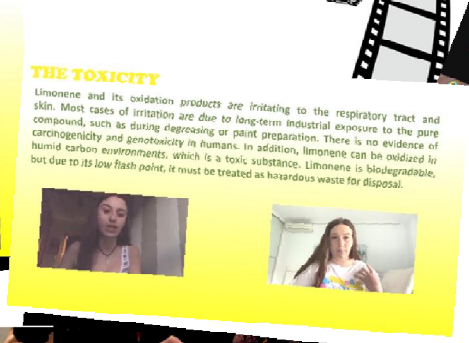
BIOLOGY AND CHEMISTRY OF LIMONENE

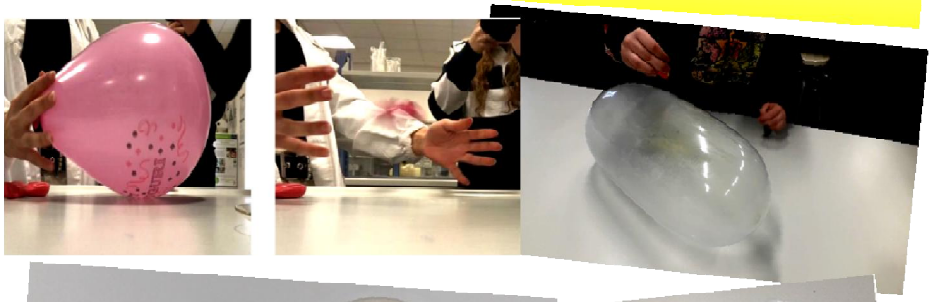
TOPICS TO INVESTIGATE

- Molecular structure and characteristics of limonene
- Production of limonene in plants
- Detection of limonene by the smell of the human being
- Bactericidal and fungicidal function of limonene - Uses of limonene.

https://youtu.be/Hf8A825szjk

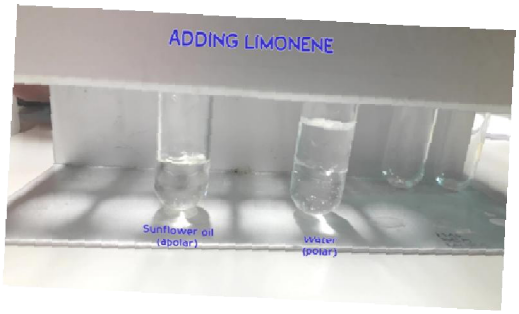






EXPERIMENTS

- Optical properties of R and S limonene
- Latex dissolution by limonene (balloons and condoms explosion)
- Differences in smell differentiation between R and S limonene
- Antifungal and antimicrobial activity
- Dissolution of fats in limonene
- Anti-germination capacity



We were unable to make our students meet in presence: this pandemic has penalized the development of all planned activities. Students worked as a team, going beyond the distance and the differences in school attendance.