Science and Concept Map Projects

SOUL (Science OpensoUrce Software for Teaching Learning) promotes the popular open source software such as Jmol, Avogadro, ChemCollective Virtual Labs, GeoGebra, Freeplane. These software are used as teaching/learning tools for understanding concepts in science subjects.

Faculty and students can submit Interesting projects under the following activities:

- 3D Modeling of Chemical Structures using **Jmol, Avogadro**
- Chemistry Lab Project using **ChemCollective Virtual Labs**
- Mathematical Applications Project using **GeoGebra**
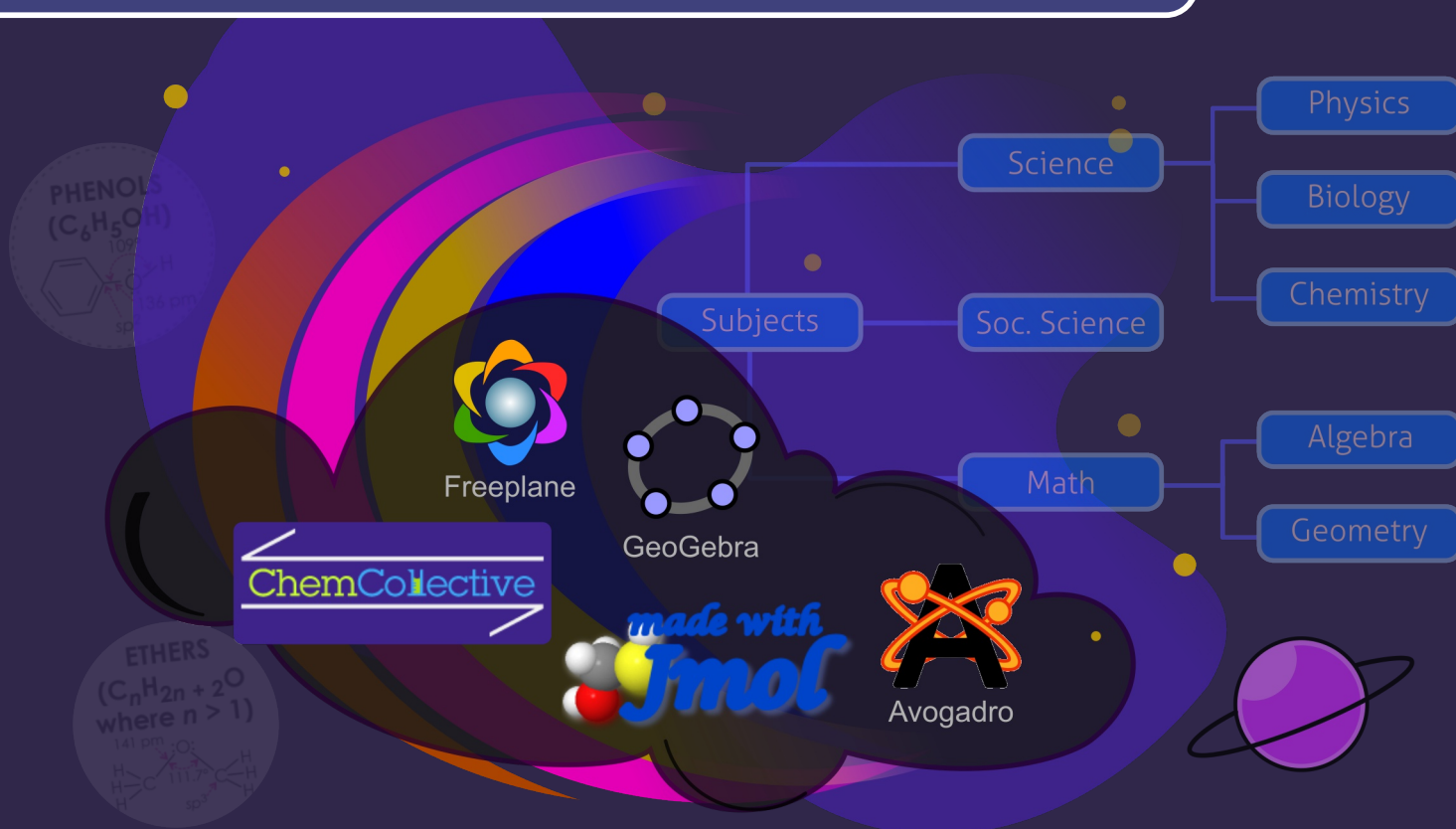- Creating Concept Maps using **Freeplane**

Project Ideas:

Problems from chapters in NCERT textbooks or any popular textbook can be chosen and completed

Benefits:

- Enhance subject understanding through these projects
- Get an e-certificate for the completed project
- Get recognition with the weblink, acknowledging the contribution

For detailed information please visit:
https://soul.fossee.in

Freeplane

GeoGebra

ChemCollective

made with Jmol

Avogadro

PHENOLS (C_6H_5OH)

ETHERS $(C_nH_{2n} + 2O$ where $n > 1)$

Subjects — Science — Physics / Biology / Chemistry
Subjects — Soc. Science
Subjects — Math — Algebra / Geometry

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