

EDUCAÇÃO EM QUÍMICA RUMO À SUSTENTABILIDADE

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Materiais disponíveis para o ensino

Sites

- *Environmental Protection Agency (EPA) United States*
<https://www.epa.gov/greenchemistry>
- *American Chemical Society (ACS)*
<https://www.acs.org/content/acs/en.html>
- *Royal Society of Chemistry (RCS)*
<https://www.rsc.org/>
- M. C. Cann, Univ. Scranton (EUA)
<http://www.scranton.edu/faculty/cannm/greenchemistry/portuguese/index.shtml>

Revistas Científicas

- *Journal of Chemical Education* (ACS)
- *Green Chemistry* (RCS)
- Química, Boletim da Sociedade Portuguesa de Química

Livros

- **Química Verde para a Sustentabilidade: Natureza, Objetivos e Aplicação Prática**, A. C. Sousa, L. A. Alves, L. Medeiros, B.T. L. Nascimento, Editora Appris, 2021.
- **Química Verde: Fundamentos e Aplicações**, A. G. Corrêa, V. G. Zuín, Edufscar, 2009, 1ª ed.
- **Worldwide Trends in Green Chemistry Education**, V. Zuin, L. Mammìno (Eds), Royal Society of Chemistry, 2015. <https://doi.org/10.1039/9781782621942>

Vídeos

- **Preventing Waste - Green Chemistry Principle #1**
https://www.youtube.com/watch?v=rLt_FYW3fnA&list=PL4o4mT6MeLifF3IWXsW9rhABmJndSjLsA&index=1
- **Atom Economy - Green Chemistry Principle #2**
https://www.youtube.com/watch?v=plbmXQLa_M&list=PL4o4mT6MeLifF3IWXsW9rhABmJndSjLsA&index=2&t=78s
- **Less Hazardous Synthesis - Green Chemistry Principle #3**
<https://www.youtube.com/watch?v=EGCA748CvEM&list=PL4o4mT6MeLifF3IWXsW9rhABmJndSjLsA&index=3>
- **Designing Safer Chemicals - Green Chemistry Principle #4**
<https://www.youtube.com/watch?v=8fgy4kzowUw&list=PL4o4mT6MeLifF3IWXsW9rhABmJndSjLsA&index=4>
- **Safer Solvents and Auxiliaries - Green Chemistry Principle #5**
<https://www.youtube.com/watch?v=4rBxYHA83Ws&list=PL4o4mT6MeLifF3IWXsW9rhABmJndSjLsA&index=5Safer>

- **Design for Energy Efficiency - Green Chemistry Principle #6**

https://www.youtube.com/watch?v=obnN_gO8sbg&list=PL4o4mT6MeLifF3lWXsW9rhABmJndSjLsA&index=6