

## DAD Link utili

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In questa pagina è presentato un elenco di suggerimenti di materiali e strumenti utilizzabili nella DAD per i diversi livelli scolastici.

- SEZIONE DAD DEL SMS Lab Unipi <http://smslab.doci.unipi.it/didattica-distanza.html> [3] (Tutti i livelli scolastici)
- SIMULAZIONI University of Colorado <https://phet.colorado.edu/it/> [4] (Tutti i livelli scolastici)
- ESPERIMENTI "Chimica una buona scelta" [5], Sul sito di [Federchimica](#) [6] (Tutti i livelli scolastici)
- ESPERIMENTI Scienze a scuola <https://www.scienzeascuola.it/laboratorio/chimica> [7] (Primaria, Secondaria primo e secondo grado)
- VIDEO ESPERIMENTI CASALINGHI
  - Chimica Quotidiana <https://www.youtube.com/channel/UCAOGonGGkjl2M5-wltQypcw> [8] (Primaria)
  - SCIENZA ISONTINA [https://www.ifom.eu/it/scienza-societa/diy-science.php?fbclid=IwAR0\\_-Vdfrbcz3ncmgS9H-SBs7kBur3xQqocBrXUF5mKEC93ES1LHtTGoS2g](https://www.ifom.eu/it/scienza-societa/diy-science.php?fbclid=IwAR0_-Vdfrbcz3ncmgS9H-SBs7kBur3xQqocBrXUF5mKEC93ES1LHtTGoS2g) [9] (Secondaria primo grado, Biennio secondo grado)
- LEGAME A IDROGENO <https://www.youtube.com/watch?v=P3O57k9ZnHU&fbclid=IwAR2q9KX4mVoloC4EjW8rii84IEffWzsbxuorgylUcZDNE9tZQISW8r3kwX0> [10] (Secondaria primo grado, biennio secondaria secondo grado)
- TAVOLA PERIODICA ZANICHELLI <https://tavolaperiodica.zanicHELLi.it/it/> [11] (Secondaria secondo grado)
- TAVOLA PERIODICA PTABLE <https://ptable.com/?lang=it> [12] (Secondaria secondo grado)
- TAVOLA PERIODICA UNIVERSITA' di Nottingham [http://www.periodicvideos.com/?fbclid=IwAR3jIn9itjpFSi9YfFCMLFDY\\_JqF1O-6YEp-D3CICyitEimoebc5Xq\\_Zk](http://www.periodicvideos.com/?fbclid=IwAR3jIn9itjpFSi9YfFCMLFDY_JqF1O-6YEp-D3CICyitEimoebc5Xq_Zk) [13] (Secondaria secondo grado)
- EARTH DAY 2020: UN VIAGGIO SOSTENIBILE DAL POLO SUD AL POLO NORD (CNR e De Agostini) <https://www.youtube.com/watch?v=lcWuCdSusQ4&app=desktop> [14] (Secondaria secondo grado)
- IL MISTERO DEI CRISTALLI GIGANTI: documentario [http://www.trianatech.com/index.php?option=com\\_content&view=article&id=153&Itemid=131&lang=es](http://www.trianatech.com/index.php?option=com_content&view=article&id=153&Itemid=131&lang=es) [15] (Secondaria secondo grado)
- ESPERIMENTI E SCHEDE DI LAVORO <https://ls-osa.uniroma3.it/experiences> [16] Fare Laboratorio UNIROMA 3 (Secondaria secondo grado)
- SITO PIANETA CHIMICA <https://www.pianetachimica.it/> [17] (Secondaria secondo grado)
- SITO SCIENTIX STEM <http://www.scientix.eu/> [18] (Secondaria secondo grado)
- MATERIALI DIDATTICI del Piano Lauree Scientifiche [19] (Secondaria secondo grado)
- EUROPEAN SCHOOLNET ACADEMY STEM <https://www.europeanschoolnetacademy.eu/> [20] (Secondaria secondo grado)
- CANALI YOUTUBE CHIMICA ORGANICA (Triennio chimica e università)
  - ChemSurvival [https://www.youtube.com/channel/Ucunr-10Cibvy4CKUBel\\_Hkw](https://www.youtube.com/channel/Ucunr-10Cibvy4CKUBel_Hkw) [21]
  - RCSBProteinDataBank <https://www.youtube.com/channel/UcBkuiMC1rybuTcyMK-jWkw> [22]
  - NileRed <https://www.youtube.com/user/TheRedNile> [23]
- SITO ROYAL SOCIETY CHEMISTRY EDUCATION <https://edu.rsc.org/resources> [24] <http://www.rsc.org/learn-chemistry/resources/mechanism-inspector/index.html> [25] (Secondaria secondo grado, Università)
- ACS <https://www.acs.org/content/acs/en.html>
- <http://www.chem.ox.ac.uk/vrchemistry/NOR/reactions.asp>
- <https://www.ck12.org/student/>
- <https://symotter.org>
- SITO DEL GRUPPO SENDS dell'Università di Torino <http://www.sends.unito.it>
- SITO MECCANISMI DI REAZIONE ANIMATI <https://www.chemtube3d.com/> [26] (Secondaria secondo grado, Università)
- Video Accademia dei XL [Quantascienza](#) [27] (Secondaria secondo grado, Università)
- SOFTWARE DI SCRITTURA MOLECOLE ORGANICHE
  - <https://www.acdlabs.com/resources/freeware/chemsketch/> [28] (Secondaria secondo grado, Università)
  - EDITOR MOLECOLE 3D <https://avogadro.cc/> [29] (Secondaria secondo grado, Università)
  - LABORATORI VIRTUALI Learn Genetics Utah <https://learn.genetics.utah.edu/content/labs/> [30] (Secondaria secondo grado, Università)
- REALTA' VIRTUALE <https://sites.google.com/ncsu.edu/ncstatevrorganicchemistrylabs/home> [31] (Secondaria secondo grado, Università)
- RISORSE ON LINE GRATUITE PER CORONAVIRUS (Secondaria secondo grado:Triennio Chimica, Università)
  - CHEM ED CHANGE <https://www.chemedx.org/blog/sharing-resources-those-moving-online-classes-covid-19> [32]
  - JOURNAL OF CHEMICAL EDUCATION FREE [https://pubs.acs.org/page/ceda8/vi/teaching-chemistry-online?utm\\_source=pubs\\_content\\_marketing&utm\\_medium=twitter&utm\\_campaign=0320\\_FMT\\_PUBS\\_0320\\_FMT\\_ED\\_Online\\_Learning&ref=pubs\\_content\\_marketing](https://pubs.acs.org/page/ceda8/vi/teaching-chemistry-online?utm_source=pubs_content_marketing&utm_medium=twitter&utm_campaign=0320_FMT_PUBS_0320_FMT_ED_Online_Learning&ref=pubs_content_marketing) [33]
  - CHEM MATTERS ONLINE <https://www.acs.org/content/acs/en/education/resources/highschool/chemmatters/articles-by-topic/organic-chemistry-and-biochemistry.html> [34]

**Links:**

- [1] <https://www.soc.chim.it/it/divisioni/didattica/home>
  - [2] <https://www.soc.chim.it/it/node/2557>
  - [3] <http://smslab.dcci.unipi.it/didattica-distanza.html>
  - [4] <https://phet.colorado.edu/it/>
  - [5] <https://scuole.federchimica.it/per-saperne-di-piu/scopri-i-nostri-esperimenti/i-nostri-esperimenti>
  - [6] <https://www.federchimica.it/la-chimica-per/scuola>
  - [7] <https://www.scienzeascuola.it/laboratorio/chimica>
  - [8] <https://www.youtube.com/channel/UCAOGonGGkjL2M5-wltQypcw>
  - [9] [https://www.ifom.eu/it/scienza-societa/diy-science.php?fbclid=IwAR0\\_-Vdfrbcz3ncmgS9H-SBs7kBur3xQqocBrXUF5mKEC93ES1LtfTGoS2g](https://www.ifom.eu/it/scienza-societa/diy-science.php?fbclid=IwAR0_-Vdfrbcz3ncmgS9H-SBs7kBur3xQqocBrXUF5mKEC93ES1LtfTGoS2g)
  - [10] <https://www.youtube.com/watch?v=P3O57k9ZnHU&fbclid=IwAR2q9KX4mVOloC4EJw8rii84IEEfWzsbxuorgYLUCZDNE9tzQISW8r3kwX0>
  - [11] <https://tavolaperiodica.zanichelli.it/it/>
  - [12] <https://ptable.com/?lang=it>
  - [13] [http://www.periodicvideos.com/?fbclid=IwAR3JiNj9jtjPFSI9YftFCMLFDY\\_JgF1O-6YEp-D3CICyitEiMoebcSXq\\_Zk](http://www.periodicvideos.com/?fbclid=IwAR3JiNj9jtjPFSI9YftFCMLFDY_JgF1O-6YEp-D3CICyitEiMoebcSXq_Zk)
  - [14] <https://www.youtube.com/watch?v=IcWuCdSusQ4&app=desktop>
  - [15] [http://www.trianatech.com/index.php?option=com\\_content&view=article&id=153&Itemid=131&lang=es](http://www.trianatech.com/index.php?option=com_content&view=article&id=153&Itemid=131&lang=es)
  - [16] <https://ls-osa.uniroma3.it/experiences>
  - [17] <https://www.pianetachimica.it/>
  - [18] <http://www.scientix.eu/>
  - [19] <https://www.pianolaureescientifiche.it/documenti/>
  - [20] <https://www.europeanschoolnetacademy.eu/>
  - [21] [https://www.youtube.com/channel/UCunr-10Cibvv4CKUBel\\_Hkw](https://www.youtube.com/channel/UCunr-10Cibvv4CKUBel_Hkw)
  - [22] <https://www.youtube.com/channel/UCBkuiMC1rlybuTcyMK-jWKw>
  - [23] <https://www.youtube.com/user/TheRedNile>
  - [24] <https://edu.rsc.org/resources>
  - [25] <http://www.rsc.org/learn-chemistry/resources/mechanism-inspector/index.html>
  - [26] <https://www.chemtube3d.com/>
  - [27] <https://www.accademiaxl.it/quarantascienza/>
  - [28] <https://www.acdlabs.com/resources/freeware/chemsketch/>
  - [29] <https://avogadro.cc/>
  - [30] <https://learn.genetics.utah.edu/content/labs/>
  - [31] <https://sites.google.com/ncsu.edu/ncstatevrorganicchemistrylabs/home>
  - [32] <https://www.chemedx.org/blog/sharing-resources-those-moving-online-classes-covid-19>
  - [33] [https://pubs.acs.org/page/jceda8/vi/teaching-chemistry-online?utm\\_source=pubs\\_content\\_marketing&utm\\_medium=twitter&utm\\_campaign=0320\\_FMT\\_PUBS\\_0320\\_FMT\\_ED\\_Online\\_Learning&ref=pubs\\_content\\_marketing](https://pubs.acs.org/page/jceda8/vi/teaching-chemistry-online?utm_source=pubs_content_marketing&utm_medium=twitter&utm_campaign=0320_FMT_PUBS_0320_FMT_ED_Online_Learning&ref=pubs_content_marketing)
  - [34] <https://www.acs.org/content/acs/en/education/resources/highschool/chemmatters/articles-by-topic/organic-chemistry-and-biochemistry.html>
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