

[Horizon 2020 Programme](#)

<https://www.schooleducationgateway.eu/lv/pub/index.htm>

<http://www.eun.org/>

Virtuālās laboratorijas

Next-Lab TTIs official recognition

<http://support.golabz.eu/support/teacher-training-institutions>

<http://project.golabz.eu>

<http://www.scientix.eu/web/guest/about>

<http://www.scientix.eu/observatory>

<http://www.scientix.eu/observatory/stem-education-practices>

[Scientix Observatory](#)

<https://phet.colorado.edu/en/simulations/category/physics>

Simulations

New Sims

HTML5

► **Physics**

Motion

Sound & Waves

Work, Energy & Power

Heat & Thermo

Quantum Phenomena

Light & Radiation

Electricity, Magnets & Circuits

Biology

Chemistry

Earth Science

Math

By Grade Level

By Device

All Sims

Translated Sims

Teaching Resources

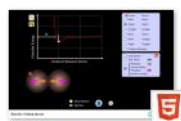
Research

Accessibility

Donate



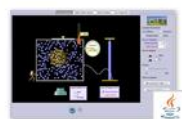
Alpha Decay



Atomic Interactions



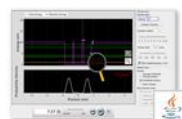
Balancing Act



Balloons & Buoyancy



Balloons and Static Electricity



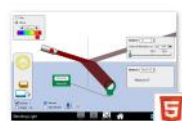
Band Structure



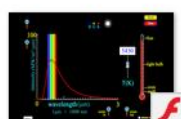
Battery-Resistor Circuit



Battery Voltage



Bending Light



<http://www.bugman123.com/Physics/index.html>

<http://weelookang.blogspot.com/p/physics-applets-virtual-lab.html>

<http://www.newtonlab.com/English/newton>

<http://www.vcrashusa.com/blog/2016/7/5/drive-your-realityhd-animations-with-virtual-crash-3>

<http://factmyth.com/factoids/the-standard-model-shows-how-elementary-particles-interact>

(reģistrētiem lietotājiem)

<https://www.sciencelearn.org.nz/images/2151-structure-of-matter-flow-diagram>

<https://www.physicsmodels.in/physics-classroom-class-12.php>

Simulācijas labi noder teorētisko un praktisko procesu modelēšanai un izpētei:

- <http://mkp.emokykla.lt/fizika9-10/fobjects>
- <http://mkp.emokykla.lt/imo/lt/fizika/>
- <http://phet.colorado.edu/en/simulations/translated/lt>

- <http://concord.org/stem-resources/subject/physics>
- <http://www.absorblearning.com/advancedphysics/about.jsp>
- <http://www.crocodile-clips.com>
- <https://www.yenka.com/>

Vizuālais materiāls darbam ar interaktīvo tāfeli

- <http://www.freezeray.com/physics.htm>

Video fragmenti, filmas

- <https://www.youtube.com/watch?v=T7XxiUbRynM>
- <https://www.youtube.com/watch?v=S0wbEI7caTY>
- <https://www.youtube.com/watch?v=nGQbA2jwkWI>
- https://www.youtube.com/watch?v=UyqLpbg_HvY
- <https://www.youtube.com/watch?v=eGiRNsESM3U>

<http://micro.magnet.fsu.edu/primer/java/wavebasics/index.html>

Radio viļņu demonstrācijas

- <http://micro.magnet.fsu.edu/primer/java/radiowavetuner/index.html>

animācijas

- <http://www.symbaloo.com/mix/fizika1>
- <http://www.physicsclassroom.com/>

Testi un testu veidošanas sistēmas

- <http://www.absorblearning.com/advancedphysics/demo/units/010102.html#Displacementandvelocity>
- <https://www.examtime.com/en/>

kontaktplates

- <http://www.ecall-elec.com.tw>

<https://www.arduino.cc>

e- mācību videss

- <http://de.jimdo.com/>
- <http://teamup.aalto.fi/>
- <https://www.khanacademy.org/>
- **MOOC** (Open University - <http://www.openuniversity.edu>)

- Mehānika
- <http://www.grc.nasa.gov/WWW/K-12/airplane/torque.html>
- <http://www.physics.uoguelph.ca/tutorials/torque/Q.torque.html>
- <http://online.cctt.org/physicslab/content/phyapb/lessonnotes/torque/lesson torque .asp>
- <http://www.hazelwood.k12.mo.us/~grichert/sciweb/mechanic.htm>
- <http://www.phy.cuhk.edu.hk/phyworld/a-level/mechanics.html>
- <http://id.mind.net/~zona/mstm/physics/mechanics/mechanics.html>

- Svārstības
- <http://www.physics.uoguelph.ca/tutorials/shm/amplitude.html>
- <http://id.mind.net/~zona/mstm/physics/waves/partsOfAWave/waveParts.htm>
- <http://gcsephysics.com/pwav.htm>
- <http://www.hazelwood.k12.mo.us/~grichert/sciweb/springpe.htm>

Bērniem

saites

par nelielu maksu var atrast interesantas lietas (īstenībā var paskatīties ideju bez maksas un tad uztaisīt)

<https://www.aliexpress.com/popular/kids-science-experiments.html>

šajās vienkārši ir daudz interesantas lietas

<http://sciencewithkids.com/Experiments/Energy-Electricity-Experiments/energy-experiments.html>

<http://www.sciencekids.co.nz/physics.html>

<http://www.sciencekids.co.nz/experiments.html>

<https://www.education.com/science-fair/physical-science/>

<https://ubisafe.org/explore/forcing-clipart-science-stuff/>

<http://www.physicslessons.com/demos.html>

<http://www.physicscentral.com/experiment/colormephysics/coloringbook.cfm>

<https://www.pinterest.com/pin/371617406726959209/>

<http://www.clipartpanda.com/categories/science-experiment-for-kids>

<https://clipartxtras.com/categories/view/cad01dc43e7df325dfa472df37786c21a9dfa176/solar-system-for-drawing.html>

<http://www.warehousemold.com/post.html#c18xNzM5NzM=>

<https://kathleenhalme.com/explore/physics-clipart-school-project/>

http://www.clipartpanda.com/clipart_images/earth-science-astronomy-29236919

<https://babbledabbledo.com/constellation-geoboards/>

<https://frugalfun4boys.com/2012/03/19/electricity-experiments-for-kids/>

<https://www.kiwico.com/blog/2016/12/12/electric-science-projects-for-kids/>

<https://premeditatedleftovers.com/naturally-frugal-mom/easy-static-electricity-experiment/>

<https://happyhooligans.ca/colour-wheel/>

<https://www.schoolingamonkey.com/stem-activities-for-kids/>

Ir apraksti un video, piem.,

<https://www.schoolingamonkey.com/peeps-density-science-experiment/>

<https://www.schoolingamonkey.com/how-to-make-a-cloud-in-a-jar/>

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Mazajiem:

Kā izveidot mūzikas instrumentu

<https://www.pinterest.com/pin/99994054199797107/>

<http://www.inlieuofpreschool.com/musical-instrument-crafts/>

<http://www.inlieuofpreschool.com>

<http://www.inlieuofpreschool.com/musical-instrument-crafts/>