



中學各科為學生提供的「益智網站」(2022年7月)

< Integrated Science (Commerce Class) >

F3C Phy, Chem

Simulation

<https://phet.colorado.edu/>

F3C Phy, Chem, Bio

Video

<https://www.khanacademy.org/>

F3C Phy

Simulation, video, passage

<https://www.physicsclassroom.com/>

Video, passage

<https://www.physicshigh.com/>

F3C Chem

Diffusion simulation

<https://phet.colorado.edu/en/simulations/diffusion>

States of matter simulation

<https://phet.colorado.edu/en/simulations/states-of-matter-basics>

Atomic structure simulation

<https://phet.colorado.edu/en/simulations/build-an-atom>

Atomic structure video

<https://www.youtube.com/watch?v=fN8kH9Vvqo0&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W>

Relative mass and isotope video

<https://www.youtube.com/watch?v=iyCLDHG1PCA>

Periodic table video

<https://www.youtube.com/watch?v=IdS9roW7IzM>

Ionic bond video

<https://www.youtube.com/watch?v=6DtrrWA5nKE&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=14>

ionic compound video

<https://www.youtube.com/watch?v=kShIfsvWbQ&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=15>

Covalent bond video

https://www.youtube.com/watch?v=5I_1jRGSr9E&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=16

simple molecular structure video

<https://www.youtube.com/watch?v=d2ogZgGmMDY&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKI8W&index=17>

Giant covalent structure video

<https://www.youtube.com/watch?v=tGH0mXCcEFU&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKI8W&index=18>

F3C Bio

Cellular structure Video: <https://www.youtube.com/watch?v=URUJD5NEXC8>

Enzymes video

<https://youtu.be/rIH1ym916Fo> (part 1)

<https://www.youtube.com/watch?v=IoDEjeRZ0xE> (part 2)

F4C Bio

articles with diagrams, class practice

https://www.softschools.com/science/human_body

Video

<https://www.britannica.com/videos/Health-Medicine>

F4C Chem

Exploration of everyday chemical compounds Short passages with diagrams

<https://www.compoundchem.com/>

Amazing chemistry facts that will blow your mind Short passages

<https://www.zmescience.com/science/chemistry/amazing-chemistry-facts/>

101 fun chemistry facts that your teacher didn't tell you Short passages

<https://facts.net/chemistry-facts/>

Some chemistry facts and introduction of apparatus and equipment Short passages

<https://edulab.com/fun-facts-chemistry/>

F4C Phy, Chem

simulation

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F4C Phy, Chem, Bio

Video

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F4C Phy

Simulation, video, passage

<https://www.physicsclassroom.com/>

Video, passage

<https://www.physicshigh.com/>

Nuclear fission video

<https://www.youtube.com/watch?v=ZKHpix5dgAU&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=39>

Life cycle of stars video

<https://www.youtube.com/watch?v=cRYu8pMg9zQ&list=PLidqqIGKox7UVC-8WC9djoeBzwxPeXph7&index=85>

Gravity force simulation

<https://phet.colorado.edu/en/simulations/gravity-force-lab>

Gravity and orbits simulation

<https://phet.colorado.edu/en/simulations/gravity-and-orbits>