

Everyone is a road user – internet links

Updated 2022

# NZ Government resources

[Road to Zero: New Zealand's Road Safety Strategy 2020-2030](https://www.transport.govt.nz/area-of-interest/safety/road-to-zero/)

[New Zealand code for cycling](http://www.nzta.govt.nz/resources/roadcode/cyclist-code/index.html)

[The official New Zealand road code](https://www.nzta.govt.nz/roadcode)

[www.nzta.govt.nz/resources/roadcode/road-code-index.html](http://www.nzta.govt.nz/resources/roadcode/road-code-index.html)

[Things to know about children (from Sharing the road with pedestrians, Road Code)](https://www.nzta.govt.nz/roadcode/general-road-code/about-other-road-users/sharing-the-road/sharing-the-road-with-pedestrians/)

[General pedestrian guidelines (road code)](https://www.nzta.govt.nz/roadcode/general-road-code/about-other-road-users/information-for-other-road-users/information-for-pedestrians/)

[Parking requirements for standard vehicles (Traffic control devices manual)](https://www.nzta.govt.nz/resources/traffic-control-devices-manual/part-13-parking-control/)

# Walking

[Is Walking Transport? Perceptions and policies of walking](https://www.polisnetwork.eu/wp-content/uploads/2019/06/sauter_is-walking-transport.pdf) Daniel Sauter, Urban Mobility Research, Switzerland

# How to measure traffic congestion

[How to measure traffic congestion (FiveThirtyEight)](http://fivethirtyeight.com/datalab/how-to-measure-traffic-congestion/)

# Parking

[How parking spaces are eating our cities alive (video- CityLab)](http://www.citylab.com/commute/2014/07/how-parking-spaces-are-eating-our-cities-alive/374413/)

[The case for tearing down park and ride lots (City Lab](http://www.citylab.com/cityfixer/2014/06/the-case-for-tearing-down-park-and-ride-lots/372558/))

[Tightest parallel park – Guinness World Records (YouTube)](https://www.youtube.com/watch?v=IRXW7Ne1_88)

# Cycling

[Science of cycling (Exploratorium)](http://www.exploratorium.edu/cycling/index.html)

[Cycling aerodynamics (Science Learning Hub)](https://www.sciencelearn.org.nz/resources/1359-cycling-aerodynamics-introduction)

[Bicycle brake](https://en.wikipedia.org/wiki/Bicycle_brake)

[flying bike](http://youtu.be/TtylFugOT_4)

[Orbitwheels](https://www.youtube.com/watch?v=AmNvn1e3k4Y)

[Loopwheel Bikes](https://www.youtube.com/watch?v=PPKY1pFyqu8)

[electric unicycle](https://www.youtube.com/watch?v=XZQsEJ88Dj4)

# Keeping safe when cycling

[BikeReady](https://bikeready.govt.nz/)

[Ministry of Health – Cycling](http://www.health.govt.nz/your-health/healthy-living/food-and-physical-activity/physical-activity/activity-guides/cycling)

[We are Cycling UK](https://www.cyclinguk.org/)

[How to ride safety in traffic (Bikeradar)](https://www.bikeradar.com/features/how-to-ride-safely-in-traffic/)

[Cycling: The key ways to stay safe (Guardian)](https://www.theguardian.com/lifeandstyle/2009/dec/03/cycling-ways-to-stay-safe)

[Safe riding (NSW Centre for Road Safety)](https://roadsafety.transport.nsw.gov.au/stayingsafe/bicycle-riders/safe-riding.html)

# Poetry

[Found poems (glossary, Poets.org)](http://www.poets.org/poetsorg/text/poetic-form-found-poem)

[Poetry writing lessons for kids](https://poetry4kids.com/lessons/poetry-writing-lessons/)

# Poems about Cycling

[The World’s Fastest Bicycle by Kenn Nesbitt](http://www.poetry4kids.com/poem-381.html)

[Going Down Hill on a Bicycle – A Boy’s Song by Henry Charles Beeching](http://www.poets.org/poetsorg/poem/going-down-hill-bicycle)

[Mulga Bill’s Bicycle by A.B. “Banjo” Paterson](http://www.middlemiss.org/lit/authors/patersonab/poetry/mulgab.html)

[Catch a Little Rhyme by Eve Merriam](http://www.poets.org/poetsorg/poem/catch-little-rhyme)

[The Rider by Naomi Shihab Nye](http://www.poets.org/poetsorg/poem/rider)

[Ode to Bicycles by Pablo Neruda](http://mirthmemoriesandmore.blogspot.co.nz/2007/08/ode-to-bicycles-pablo-neruda.html)

[Ten Poems about Bicycles edited by Jenny Swann](http://www.candlestickpress.co.uk/pamphlet/ten-poems-about-bicycles)

# Forces

[Physics Misconception (New York Science Teacher)](http://www.newyorkscienceteacher.com/sci/pages/miscon/phy.php)

[Forces and Speed (Science Learning Hub)](https://www.sciencelearn.org.nz/resources/1343-forces-and-speed)

[Friction (Britannica Kids)](https://kids.britannica.com/kids/article/friction/442495)

[What is a force?](http://youtu.be/GmlMV7bA0TM)

[What forces are acting on you?](https://www.youtube.com/watch?v=aJc4DEkSq4I)

[ForceMan](https://www.teachertube.com/videos/540)

[Video Physics for iOS](https://www.vernier.com/product/video-physics-for-ios/)

# Stopping Distance

[Following distances (Drive)](https://drive.govt.nz/learner-licence/interactive-road-code/driving-basics-i/following-distances/)

[The faster you drive the greater the danger (Tasman District Council)](https://www.youtube.com/watch?v=0ghKwOpfwZQ)

[Stopping distance calculator](https://www.omnicalculator.com/physics/stopping-distance)

[The 2-second rule (Drive)](https://drive.govt.nz/learner-licence/interactive-road-code/driving-basics-i/following-distances/the-2-second-rule)

[Stopping distance demonstration (Tasman District Council)](http://www.youtube.com/watch?v=Z_n-HIBnfts)

[Following distance (road code)](https://www.nzta.govt.nz/roadcode/general-road-code/about-driving/key-driving-skills/following-distance/)

[Stopping distance (RAC UK)](https://www.rac.co.uk/drive/advice/learning-to-drive/stopping-distances/)

[Stopping distance (One Special Science Teacher)](https://www.onespecialscienceteacher.com/stopping-distances/)

[BBC Earth – David Attenborough – saying boo to a sloth!](http://youtu.be/ndMKTnSRsKM)

# Light

[BBC Science – Nervous System – Sight](https://www.bbc.co.uk/science/humanbody/body/factfiles/sight/sight_animation.shtml)

[Sight (Science Learning Hub)](https://www.sciencelearn.org.nz/resources/1887-sight)

Te Kete Ipurangi student exemplars

[How do we see? (L1)](http://www.tki.org.nz/r/assessment/exemplars/sci/physical/pw_1a_e.php)

[How do we see? (L2](http://www.tki.org.nz/r/assessment/exemplars/sci/physical/pw_2b_e.php))

[How do we see? (L3](http://www.tki.org.nz/r/assessment/exemplars/sci/physical/pw_3c_e.php))

[Colourful messages (L5)](http://www.tki.org.nz/r/assessment/exemplars/sci/physical/pw_5b_e.php)

[What is it about a chameleon’s eyes (PBS on YouTube)](https://www.youtube.com/watch?v=wia_moXek2s)

[FZD School of Design – EPISODE 29 FOV in Games part 1 (YouTube)](http://youtu.be/blZUao2jTGA)

[Peripheral vision (Exploratorium)](http://www.exploratorium.edu/snacks/peripheral_vision)

[Safe driving tips (road code)](https://www.nzta.govt.nz/roadcode/general-road-code/about-driving/hazards-and-emergencies/safe-driving-tips/)

# Dissecting a cow's eye

[Cow’s eye dissection (Exploratorium)](http://www.exploratorium.edu/learning_studio/cow_eye/how.html)

[Cow eye dissection (Biology Corner)](https://www.biologycorner.com/worksheets/cow_eye_dissection.html)

# Mapping

[Google Earth](https://earth.google.com/web/)

# Word Cloud Generators

[Wordle](http://www.wordle.net)

[Tagul](http://www.Tagul.com)

[WordSift](http://www.wordsift.com)

# Online surveys and poll makers

[Google Forms – how to use](https://support.google.com/docs/answer/6281888?hl=en&ref_topic=1360904&visit_id=638043218285238465-1238983007&rd=2)

[SurveyMonkey](http://www.surveymonkey.com)

[Crowdsignal](https://crowdsignal.com/)

The following link provide information to help you design suitable questions:

[BBC Schools – Bitesize – developing questionnaires](https://www.bbc.co.uk/bitesize/guides/zctwqty/revision/1)

# Concept Cluster Maps

[Instagrok](https://www.instagrok.com/)

# 3D Modelling or Mapping

[Isometric dot graph paper at Incompetech](http://incompetech.com/graphpaper/isometricdots/)

Line and shape tools in [Google Maps](https://www.google.com/maps)

[SketchUp](https://www.sketchup.com/plans-and-pricing/sketchup-free)

[Minecraft](https://www.minecraft.net/en-us)

# Infographics and Graphics

[Infographics by Mashable (Pinterest)](http://www.pinterest.com/mashable/infographics)

[Daily Infographic](http://dailyinfographic.com)

[Tux Paint](http://www.tuxpaint.org)

[Draw.To](http://draw.to/new)

[ABCya Paint](http://www.abcya.com/abcya_paint.htm)

[One Motion](https://www.onemotion.com/sketch-paint/)

Alternatively use:

[VoiceThread](http://voicethread.com) to add student voice, video or text to each background.

[Comic Life](https://plasq.com/) or [Marq](https://www.marq.com/pages/)

[Visualise your data on a custom map using Google My Maps](https://www.google.com/earth/outreach/learn/visualize-your-data-on-a-custom-map-using-google-my-maps/)

Add the images and questions directly and embed the student annotated map in a class blog or wiki.

# Copyright Friendly Images and Data Online

[OpenVerse](https://wordpress.org/openverse/)

[Pics4Learning](https://www.pics4learning.com/)

[DigitalNZ](https://digitalnz.org/)

# Podcasting

[GarageBand (for Mac)](http://www.apple.com/mac/garageband/)

[Audacity (for Windows, Mac or Linux](https://www.audacityteam.org/))

YouTube provides numerous tutorials for beginners to experts on each of these programs, such as:

[How to use GarageBand (2021 Tutorial for beginners)](https://www.youtube.com/watch?v=nSWNfctv1R0&t=0s)

[How to use Audacity | Beginners Tutorial](https://www.youtube.com/watch?v=yzJ2VyYkmaA)

For more information on how to create podcasts with students, refer to:

[Podcasting – using podcasts in the classroom (EdTechTeacher)](https://edtechteacher.org/tools/multimedia/podcasting/)

[Creating podcasts with your students (Reading Rockets](https://www.readingrockets.org/article/creating-podcasts-your-students))

[Podcasts: The nuts and bolts of creating podcasts (Read Write Think)](https://www.readwritethink.org/classroom-resources/printouts/podcasts-nuts-bolts-creating)

# Comic Creators

[Comic Life](http://plasq.com/)

[Pixton](https://www.pixton.com/)

# Animation Software

[Pivot animator](http://pivotanimator.net)

[ABCya Animate](https://www.abcya.com/games/animate)

[Scratch](https://scratch.mit.edu/)

[Animaker](https://www.animaker.com/educational-video-maker)

[Zu3D](http://www.zu3d.com)

# Minecraft Animation

[Minecraft Tutorials/Videos](https://minecraft.fandom.com/wiki/Tutorials/Videos)

[Tips on making a good video (Minecraft Forum)](https://www.minecraftforum.net/forums/show-your-creation/video-series-help/technical-help/1715112-tips-on-making-a-good-video)

[Amazing Tools to Record Minecraft with High Quality](https://www.apowersoft.com/record-minecraft.html)

[How to record Minecraft gameplay](https://www.bandicam.com/how-to-record-minecraft-gameplay/)

[Minecraft Animations – Mine-imator](https://www.mineimator.com/)

# SOLO Taxonomy

[Learning Intentions generator](https://pamhook.com/solo-apps/learning-intention-generator/)

[Hexagon generator (HookED)](https://pamhook.com/solo-apps/hexagon-generator)

[Hexagons (HookED)](https://pamhook.com/wiki/SOLO_Hexagons)

[HOT SOLO Describe map and self assessment rubric](https://pamhook.com/wiki/HOT_SOLO_Describe_Map)

[HOT SOLO Compare and Contrast map and self assessment rubric](https://pamhook.com/wiki/HOT_SOLO_Compare_and_Contrast_Map)

[HookED Comparative Analysis Template](https://pamhook.com/wiki/SOLO_Comparative_Analysis_Template)