

Sustainable Development Goals

Discussions and activities to unpack with the ākonga



Enviroschools

History of the SDG's

The Sustainable Development Goals (SDGs) were born at the United Nations Conference on Sustainable Development in Rio de Janeiro in 2012. The objective was to produce a set of universal goals that meet the urgent environmental, political and economic challenges facing our world.



<https://sdgs.un.org/goals>

Why are we looking at the SDG's?

The Sustainable Development Goals – an ambitious and universal agenda to transform our world

“A fundamental change is needed in the way we think about education’s role in global development, because it has a catalytic impact on the well-being of individuals and the future of our planet. ... Now, more than ever, education has a responsibility to be in gear with 21st century challenges and aspirations, and foster the right types of values and skills that will lead to sustainable and inclusive growth, and peaceful living together. “Irina Bokova, Director-General of UNESCO

“Education can, and must, contribute to a new vision of sustainable global development.”
(UNESCO, 2015)

Unpacking 1 or all 17

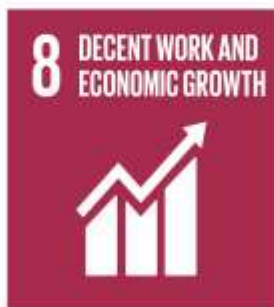
Using this resource you can unpack 1, 2 or all of the Goals

- What they are
- What they mean to us in Aotearoa
- What we can do about achieving the goals
- Activities and more can be found at [Worlds Largest Lesson](#)





SUSTAINABLE DEVELOPMENT GOALS



1 NO POVERTY



1 PŌHARA KORE



SUSTAINABLE
DEVELOPMENT
GOALS
WWW.GLOBALGOALS.ORG

Inquiry

- Child poverty
- Low income
- Homelessness
- Costs of extreme weather conditions
- Housing crisis
- Cost of living

Activity

- Poster for discussion – [what's on my plate](#) (ages 4-14)
- [Social inequality activity](#) w True or False ?'s (ages 8-14)
- [Understanding poverty & localising it](#) (ages 14+)

Additional resources/links

- [Food for a week](#) in different countries (You Tube 3.19)
- [Childrens bedrooms](#) around the world (You Tube 2.03)
- [Homeless in paradise](#) – living in cars and tents in Queenstown (RNZ's Checkpoint (audio) 3.56)

2 ZERO HUNGER



2 HEMOKAI KORE



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Inquiry

- Soil health
- Productive land
- Access to safe water for recreation & food gathering
- Efficiency of land use
- “ownership” of land
- Ecosystems
- Active stewardship of land
- Net Greenhouse gas emissions
- Biodiversity/native species

Activity

- [Comic – Rise of the Plate Pioneerz](#) (ages 4-14)
- [Food waste](#) (numeracy activity) (ages 9-14)
- Youth action – [the fight against hunger](#) (ages 11-18)

Additional resources/links

- [What’s for lunch? Children across the world](#)
- Rob Greenfields [year of growing &/or foraging 100% of his food for a year](#) (You Tube 15.27)

3 GOOD HEALTH AND WELL-BEING



3 MAURI ORA



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Inquiry

- Health expectancy
- Health equity
- Spiritual/cultural health & connections
- Air quality
- Overcrowding

Activity

- [Food innovations](#) – building community well-being in an urban farming environment (Science) (ages 9-14)
- [Health and well-being SDG](#) (You Tube 32.23) (ages 4-14)
- Health and well-being SGD (You Tube 3.02) (ages 11-18)

Additional resources/links

- [What is a Food Forest](#) & how can you build one
- [Transition Town](#) documentary (You Tube 66)
- Cool Australia – [Sugar by half](#) (all ages)

4 QUALITY EDUCATION



4 AKORANGA PAI



SUSTAINABLE GOALS
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Inquiry

- Core competencies
- Early childhood education
- Educational attainment
- Education equity
- Inter-generational transfer of knowledge

Activity

- [Holiday or getaway?](#) An exercise in packing a bag for school or to escape a threat at school (ages 8-14)
- [I'm just a kid!](#) Videos from other children across the globe (1 hour) (ages 8-14)
- [So many children are not in school.](#) Why? (ages 14+)

Additional resources/links

[The Enviroschools](#) kaupapa

5 GENDER EQUALITY



5 MANA TAURITE



SUSTAINABLE GOALS
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Inquiry

- Value of unpaid work
- Domestic violence
- Experience of discrimination
- Income inequality
- Inequality of educational outcomes
- Health equity
- Sexual/personal education & access to products

Activity

- [Comic](#) – Chakra the invincible (ages 4 upwards)
- [From where I stand](#) – an action and learning based activity spread across 2 lessons on gender bias. Clips featuring Emma Watson (Harry Potters Hermione Granger). Ages 8-14
- [Education – transforming the world](#) (ages 14+)
- [The importance of girls staying in school](#) (ages 14+)

6 CLEAN WATER AND SANITATION



6 WAIWHAKAORA



SUSTAINABLE GOALS
DEVELOPMENT
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Inquiry

- Drinking water quality
- Access to safe water for kai gathering & recreation
- Quality of water resources
- Water stress
- Waste flows into waterways & marine environments

Activity

- [Drains are for rain](#) – action activity (age 4+)
- [Comic](#) – access to water making people unwell & taking action (age 4+)
- [Water pollution](#) and what to do about it (age 8-14)
- [Art activity](#) (age 14+) (no need to submit to a competition – or you can make your own)

Additional resources/links

- [Global water](#) - Science learning hub
- Enviroschools [Water Theme Area](#)
- Cool Australia – [how many people have access to clean water](#)

7 AFFORDABLE AND CLEAN ENERGY



7 PŪNGAO PAI



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DEVELOPMENT
GOALS
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Inquiry

- Energy intensity
- Energy resources
- Renewable energy
- Energy consumption

Activity

- [Comic](#) – A journey for tomorrow (ages 4+)
- [An energy project for the global goals](#) (ages 8-14)
- [Energy & Climate Change](#) – 4 lessons (ages 14-18)

Additional resources/links

- Enviroschools Smoothie bike
- Enviroschools [Energy](#) Theme Area
- Tour of the South Taranaki wind turbine farm
- Science Learning Hubs - [Energy](#)
- Cool Australia - [Energy](#)



8 DECENT WORK AND ECONOMIC GROWTH



8 WHAI RAWA



SUSTAINABLE GOALS
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Inquiry

- Employment/unemployment rate
- Hourly earnings
- Job satisfaction
- Not in education, employment or training
- Value of unpaid work
- Work life balance
- Economic growth to the detriment of the environment

Activity

- [Activities](#) based on the world not being equal or fair (ages 8-18)
- [Discussions](#) on reducing inequalities
- [The human face of food](#) – social science investigations

Additional resources/links

- Quick clip - [modern slavery in NZ](#) (You Tube .51)
- Read [a brief history of the consumer culture](#)
- Oxford resources – [what makes for decent work?](#)



health & safety quality employment
fixed-term contracts
non-standard forms of work
decent work
self-employment precarious work
zero-hours/close-to-zero hours contracts
temporary work workers well-being
quality of work - quality of services



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



9 HANGA PAI



SUSTAINABLE GOALS
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Inquiry

- Resilience of infrastructure
- Modified land
- Commuting time
- Liveable cities
- Costs of extreme weather events
- Gross greenhouse gas emissions
- Material intensity inc recycling, landfills
- Secondhand economy

Activity

- [Maps for new friends](#) & [Building little homes](#) (ages 4-8)
- [Robotic milking, the Foodbowl story \(video\) & rethinking plastics in Aotearoa](#)

Additional resources/links

- The most [“Liveable cities”](#) in the world (You Tube 9.20)



10 REDUCED INEQUALITIES



Inquiry

- Low income
- Experience of discrimination
- Income adequacy/inequality
- Material wellbeing
- Net worth
- Democratic participation
- Justice equity
- Health equity
- Access to services
- Social inequities

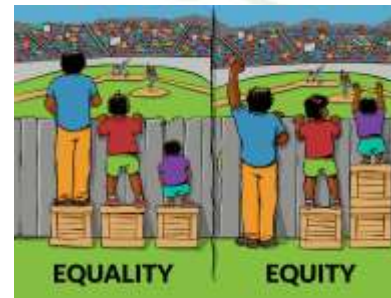
10 MANA ŌRITE



SUSTAINABLE GOALS
www.globalgoals.org

Activity

- [Migration](#) – a part of our shared history (ages 8-14)
- [Human rights/child rights](#) (ages 14+)
- [The Goats of Anarchy](#) – Leave no one behind (all ages)



11 SUSTAINABLE CITIES AND COMMUNITIES



11 HAPORI ORA



SUSTAINABLE GOALS
DEVELOPMENT
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Inquiry

- Homelessness
- Housing affordability & quality
- Overcrowding
- Access to natural spaces
- Levels of pollutants
- Infrastructure resilience
- Waste generation & management
- Strength of social connections

Activity

- [Safe houses, friendly cities](#) (ages 4-8)
- [Generation Earthshot](#)
- [Become a changemaker!](#) A series of clips

Additional resources/links

- [Just Transition Taranaki](#) – image next slide
- [Transition Towns](#) – connecting locally, thriving globally (You Tube 8.19)
- [Degrowth](#) (You Tube 4.24)
- Article – [Englands powerful green lobby through school](#)
- [15 minute cities](#) – a new environmental vision (You Tube 2.38)
- [Tiny House communities](#) (You Tube 18.15)

Principles of Degrowth



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



12 MAHI TIKA



SUSTAINABLE GOALS
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Inquiry

- Waste generation & management
- Consumption of Greenhouse gases
- Energy consumption
- Efficiency of land use
- Empowering consumers on making smart choices



Activity

- [Design thinking for climate action](#) – a series of 10 lessons (aged 8-14)
- [Designing for the circular economy](#) – Google slides (age 8-14)

Additional resources/links

- History of ideas - [Consumerism](#) (You Tube 10.42)
- [The Story of Stuff](#)
- Fast fashion – [The True Cost](#) (movie 90) PG13
- [Country Calendar](#) – New Zealand coffee farm (You Tube 23.04)

13 CLIMATE ACTION



13 HIWA ĀHUARANGI



SUSTAINABLE GOALS
ENVOLVEMENT
WWW.GLOBALGOALS.ORG

Inquiry

- Costs of extreme weather events
- Global greenhouse gases
- Overconsumption
- Renewable energy
- Modified land
- Localisation of resources

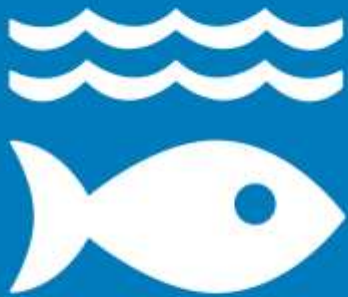
Activity

- [A series of activities for all ages on climate action](#)
- [Earth: it's everybody's home](#) (ages 8-14)
- [Become a Climate Changemaker!](#) (ages 8-14)
- [Generation Earthshot](#) – ideas to change the world (ages 14+)

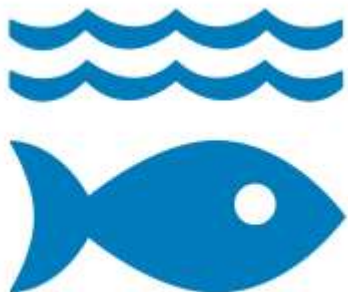
Additional resources/links

- [How to teach sustainability with hope](#) – a Cool Australia teacher course
- You Tube clip – Youth for Climate Action – [Protect our Future](#) 2.30
- [School Strike 4 Climate NZ](#)

14 LIFE BELOW WATER



14 ORANGA MOANA



SUSTAINABLE GOALS
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Inquiry

- Fish stocks
- Ocean acidification
- Waste flows into awa and marine environments
- Water quality
- Biodiversity and native species
- Cultural connections

Activity

- [Life on a reef](#) (NZ)
- [Life between tides](#)
- [Plastics in the oceans](#) (age 8-14)

Additional resources/links

- [iNaturalist](#)
- Science Learning Hub – [life below water](#)
- Cool Australia [how are you connected to the ocean](#). 6 lessons for years 3-6)

15 LIFE ON LAND



15 ORANGA WHENUA



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Inquiry

- Biodiversity and native species
- Soil health
- Quality of water resources
- Active stewardship, kaitiakitanga of whenua
- Cultural connections to whenua

Activity

- [Community conversations for climate change](#) (ages 8-14)
- Comic – [Wild for Life](#) (all ages)
- [Make space for nature](#) – a biodiversity focus (ages 8-14)

Additional resources/links

- Enviroschools - Me in my environment
- Enviroschools [soil science resource](#)
- [The journey of farming in Aotearoa](#) – Science Learning Hub
- [Tupuārangi – land-based ecosystems](#) – Science Learning Hub

16 PEACE, JUSTICE AND STRONG INSTITUTIONS



16 HOHOU RONGO



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Inquiry

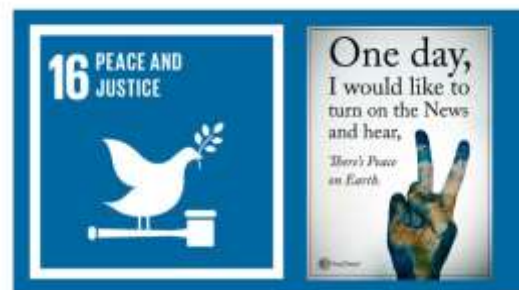
- Justice equity
- Sense of belonging
- Discrimination
- Perceptions of safety / feelings of safety
- Loneliness

Activity

- [Human rights and the global goals](#) (ages 14+)
- [The power of peace](#) (ages 8-14)
- [Children on the move](#) (ages 8+)

Additional resources/links

- [Greenpeace](#) Aotearoa
- The Peace Foundation – Te Rōpū Rongomau o Aotearoa
– student empowerment & teacher PLD



17 PARTNERSHIPS FOR THE GOALS



Inquiry

- Foreign direct investment
- Official development assistance
- Remittances to other countries

Activity

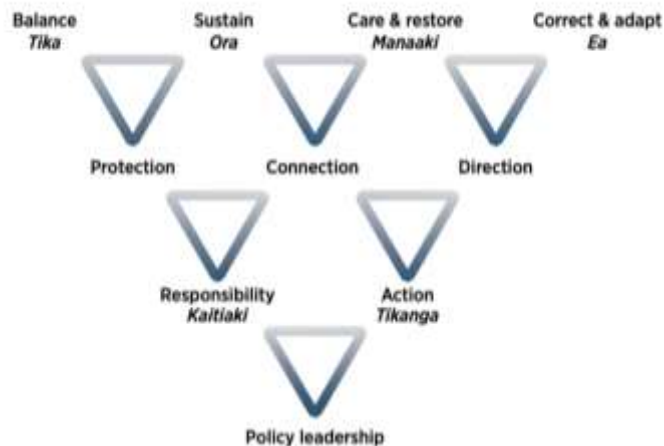
- [Working together to achieve the global goals](#) (age 8-14)
- [IMAGI-NATION – Goals for fairer world](#) (years 3-10)
- Learn about [te Tiriti o Waitangi](#)

17 MAHI TAHI



SUSTAINABLE GOALS
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Our framework for a collective response—Te Hau Ora o te Ao principles—is illustrated by the following diagram:



Dairy NZ 2021

Capturing a youth voice

What sort of personal action could you do to make a difference?

Submissions to Council/Government

Find other people who care about it too

Change your own habits and encourage others to as well

What do you think is really important?

Design a project that targets certain goals – think globally, act locally, respond personally

Do energy and waste audits

Personal feelings matter. You matter!

Small steps really DO make the change

Teacher resources

[Ministry for the Environment climate change school resources](#)

[You Tube clips on the SDG's](#)

[Cool Australia website](#)

[Printable Te Reo SDG posters](#)

[Learning objectives](#)

[Booklist for teens](#)

[Worlds Largest Lesson website](#)

[Science Learning Hub website](#)

[Enviroschools website](#)

[8 websites to help you teach climate change](#)

[Enviroschools Pinterest](#)



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