A MoAD classroom-ready resource

MOAD
Museum of Australian Democracy
at Old Parliament House

Our World, Our Community

Becoming Global Citizens!

Using the UN Sustainable Development Goals (SDGs) for classroom inquiry.

Using these Resources

Our World, Our Community resource

This resource is designed to hook students into building an awareness of the Sustainable Development Goals (SDGs) and how they can create positive change in the world. Each activity will stimulate curiosity and create learning opportunities, and encourage thinking about practical, meaningful change on a local level through to a global scale.

SDG Provocations

These SDG provocations are tailored, visual images intended to stimulate curiosity and discussion. They can be used as a stand-alone activity or to support a unit of inquiry. For each SDG, supporting picture books and online videos are suggested to assist with further inquiry.

SDGs covered in this resource:

Goal 3 - Good Health and Well-being
Goal 6 - Clean Water and Sanitation
Goal 11 - Sustainable Cities and Communities
Goal 15 - Life on Land

Inquiry and STEAMD booklets

These booklets are designed to assist students in creating practical, meaningful change on a local level through the lens of one SDG.

Students first utilise an inquiry approach to research and build a solid understanding of the SDG and determine one change they can make in their school or community to work towards this goal.

Students then engage with the STEAMD (Science, Technology, Engineering, Arts, Mathematics and Democracy) ***cycle***, developing an initiative grounded in a strong base of information and understanding.

Background Information

What are the Sustainable Development Goals?

Set up in 2015 by the United Nations General Assembly, the Sustainable Development Goals (SDGs) are a collection of ***17 interconnected global goals*** designed to be a "blueprint to achieve a better and more sustainable future for all" by the year 2030.

More information on SDGs

The 17 Goals - United Nations
https://sdgs.un.org/goals

Sustainable Development Goals - Resources for Educators
https://en.unesco.org/themes/education/sdgs/material

Seven Ways the SDGs are Important in a Classroom
https://www.participatelearning.com/blog/7-ways-the-sdgs-are-important-in-a-classroom/

What is Global Citizenship?

As global citizens, we build knowledge and skills towards making our world fairer, sustainable and more peaceful.

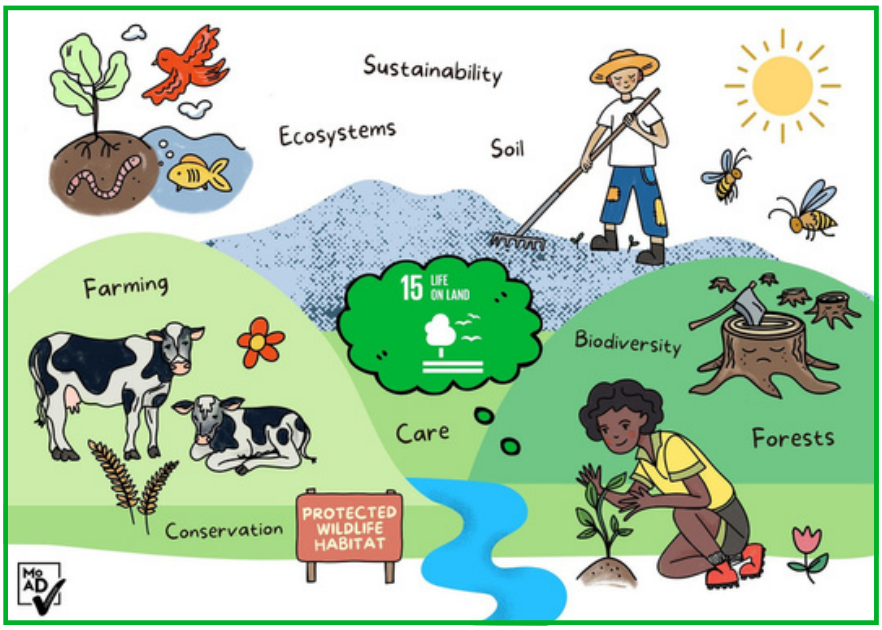
To do this, we need to think critically and ask questions of the world around us: what do I care about, what do I have available to me, and ***how can I make a difference for the better?***

Let's begin with an SDG, and start asking questions!

SDG Provocations

Build on your Sustainable Development Goals (SDGs) classroom inquiry using these MoAD Learning provocations!

This series of provocations contain images and words linked to the targets of a given SDG. Here is an example provocation for *SDG 15 - Life on Land*:



Each SDG provocation is a tailored, visual image intended to stimulate curiosity and discussion. Open-ended questions can been utilised to allow space for students to build their own connections and create a sense of wonder.

Here are some suggested ***open-ended questions*** to help the conversation flow:

What do you notice?

What does it make you think about?

What can we do to make a difference?

MOAD
Museum of Australian Democracy at Old Parliament House

Our World, Our Community - Teacher Resource

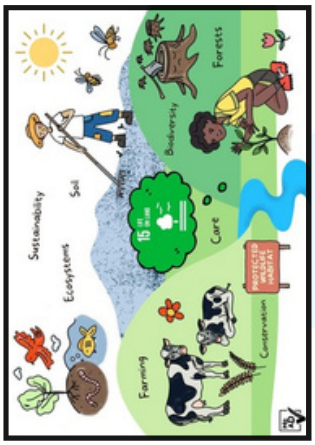
Each SDG provocation has a double-sided teacher page with additional information, more discussion questions and resource recommendations to support student inquiry.

Page 1 of each goal unpacks ***key ideas and targets*** illustrated by the visual provocation.

Beneath the provocation, targets of the SDG are shown next to the poster element they relate to.

Optional guiding questions are also included to assist in unpacking the goal targets.

Page 2 contains ***key definitions*** and complementary ***provocations***. These include recommended picture books and online videos that can assist with further inquiry.

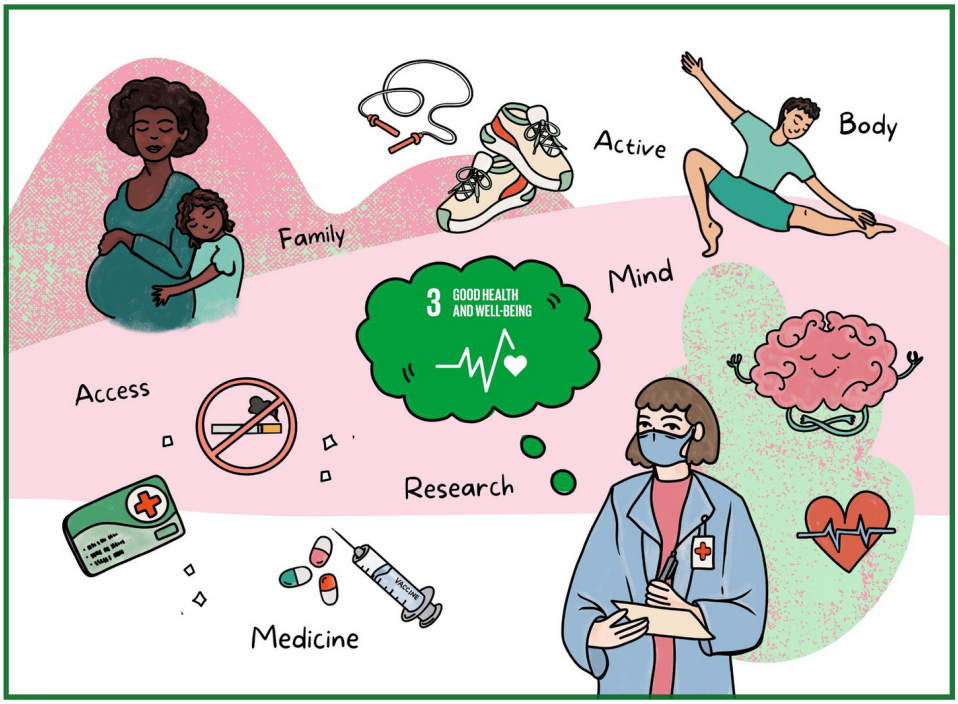


Page 3 contains a ***full page provocation*** for printing out or showing on a Smartboard.

MOAD
Museum of Australian Democracy at Old Parliament House

Goal 3 - Good Health & Well-being

- Ensure healthy lives and promote well-being for all at all ages.



How do these images connect to the ***targets of Goal 3?***

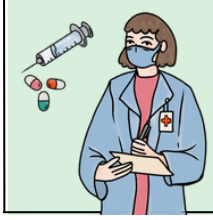
Plus, some guiding questions to help your class find connections:

3.1 & 3.2 - Reduce maternal mortality & end all preventable deaths under 5 years of age.

- **Why might very young people and pregnant parents need access to health care?**

3.4 - Reduce mortality from non-communicable diseases and promote mental health.

- **What is well-being?**
- **How many different ways can we look after our well-being?**
- **What is our responsibility for good well-being? To ourselves and others?**



3.3 - Fight communicable diseases.

- **What steps can we take to keep ourselves from getting sick?**
- **How can we help others when they are sick?**

3.8 - Achieve universal health coverage.

- **What is health care?**
- **How does access to healthcare impact an individual, or a community?**

3.9 - Reduce illnesses and death from hazardous chemicals and pollution.

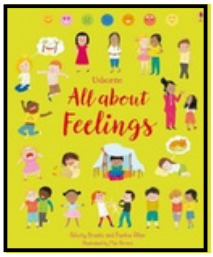
- **What might this symbol mean**
- **How do our lifestyle choices affect our health and well-being?**

We can see someone stretching to take care of their health and well-being!

- **How do you like to keep your body active, healthy and full of energy?**
- **What activities could you do with friends at lunchtime to be active and have fun?**

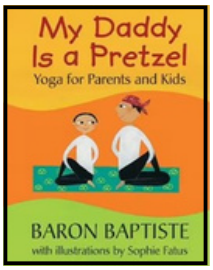
Other Provocations!

Picture Books

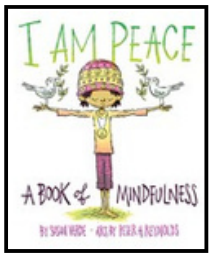


All About Feelings
Felicity Brooks, Frankie Allen & Mar Ferrero

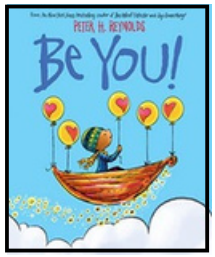
A Garden in Your Belly Masha D'yans



My Daddy Is a Pretzel
Baron Baptiste



I Am Peace: A Book of Mindfulness
Susan Verde & Peter H. Reynolds



Be You!
Peter H. Reynolds

This Small King
Lauren Streifer

Online Videos

- ***What Does Well-being Mean to You?*** | Nuffield Health
- ***Listen Up The Rights of Every Child in Healthcare*** | NSW
- ***Health Yoga For The Classroom*** | Yoga With Adriene
- ***A Virus Attacks a Cell*** | Vaccine Makers Project
- ***Talking Mental Health*** | Anna Freud NCCF

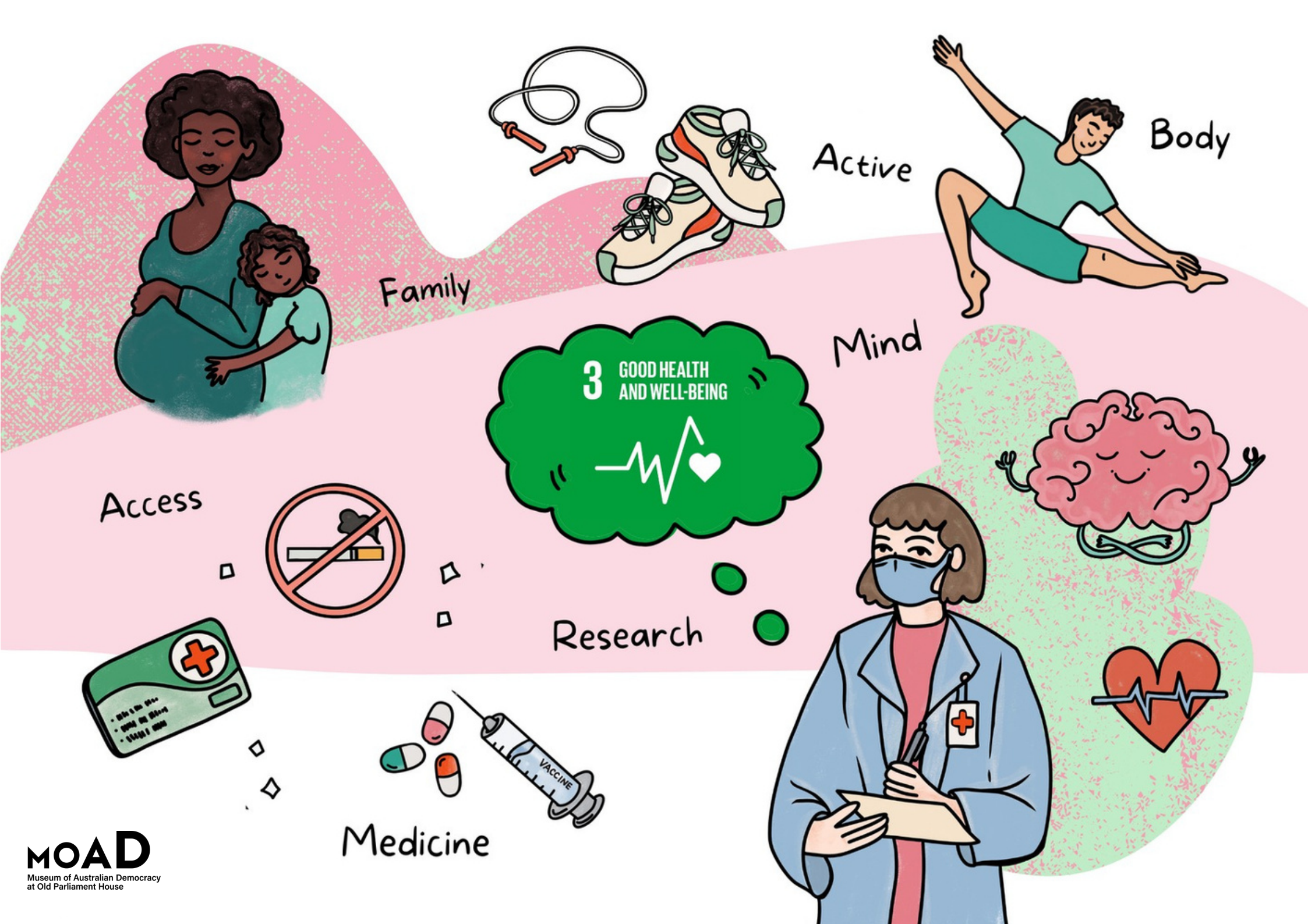
Key Terminology from the Oxford Learner's Dictionaries:

Communicable Disease - any disease that can be transferred from one individual to another by direct or indirect contact.

Health-care - the service of providing medical care.

Non-communicable Disease - a disease that cannot be passed from one person to another.

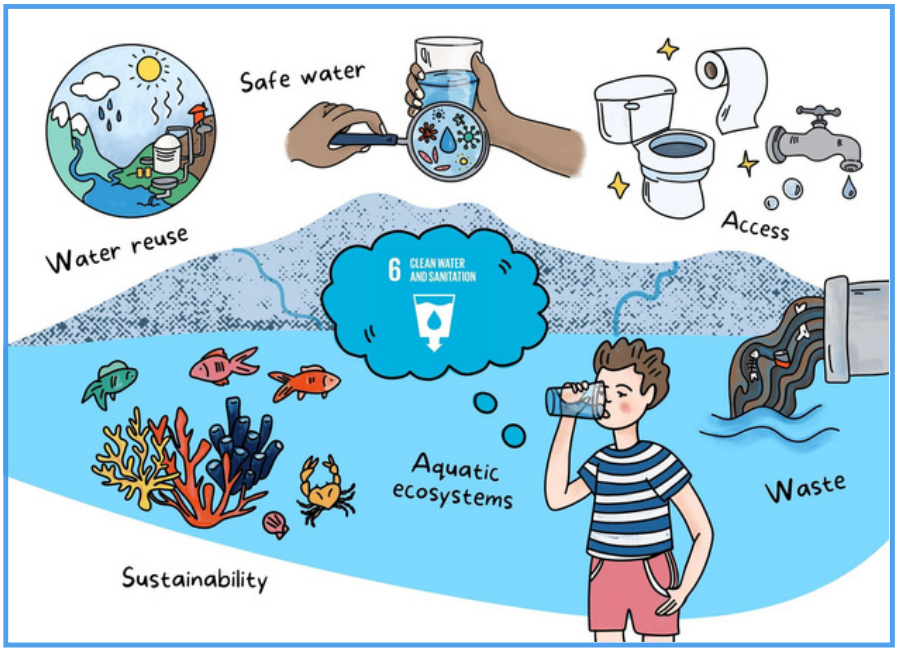
Well-being - general health and happiness.



MOAD
Museum of Australian Democracy
at Old Parliament House

Goal 6 - Clean Water & Sanitation

- Ensure availability and sustainable management of water and sanitation for all.



How do these images connect to the ***targets of Goal 6?***

Plus, some guiding questions to help your class find connections:

6.1 - safe and affordable drinking water.

- **In what ways can water be polluted?**
- **What can we do to improve water use in our school or community?**

6.2 - end open defecation and provide access to sanitation and hygiene.

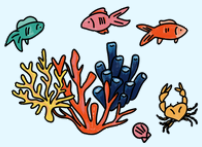
- **What is sanitation?**
- **How is sanitation important to us?**
- **What else might we need for sanitation?**

6.3 - improve water quality, wastewater treatment and safe reuse.

- **Where does our waste go?**
- **What is our responsibility to manage our wastewater?**
- **How might we reuse wastewater?**

6.4 - increase water-use efficiency and ensure freshwater supplies.

- **Where does our water come from?**
- **What is a water cycle?**
- **How is our water managed?**



6.6 - protect and restore water-related eco-systems

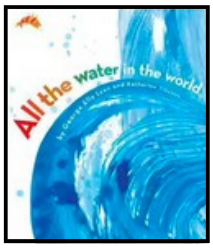
- **What is an ecosystem?**
- **What is an aquatic ecosystem you know?**
- **How can we help look after it?**

We can see someone drinking water!

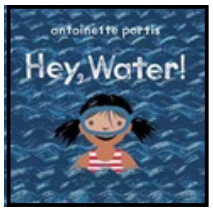
- **Why do we need safe drinking water?**
- **How does access to safe water impact a person, their family and their community?**

Other Provocations!

Picture Books



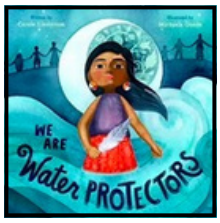
All the Water in the World
George Ella Lyon & Katherine Tillotson



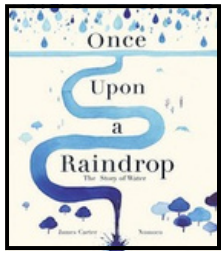
Hey, Water!
Antoinette Portis

Do not lick this book
Idan Ben-Barak & Julian Frost

The Mark of the Wagarl
Lorna Little & Janice Lyndon



We Are Water Protectors
Carole Lindstrom & Michaela Goade



Once Upon a Raindrop
James Carter & Nomoco

Online Videos

- ***G R A N T E D*** | Michele Guieu
- ***Lessons from the Australian city that nearly ran out of water*** | ABC News
- ***On National Child Day, meet clean water activist Autumn Peltier*** | CBC Kids News
- ***SDG 6 for children – Clean Water and Sanitation*** | UNESCO Portuguese
- ***Where Does It Go?*** | EasternMuni

Key Terminology from the Oxford Learner's Dictionaries:

Ecosystem – all the plants and living creatures in a particular area considered in relation to their physical environment.

Sanitation – the equipment and systems that keep places clean, especially by removing human waste.

Water Cycle – the processes by which water passes between the earth's atmosphere, land and oceans.

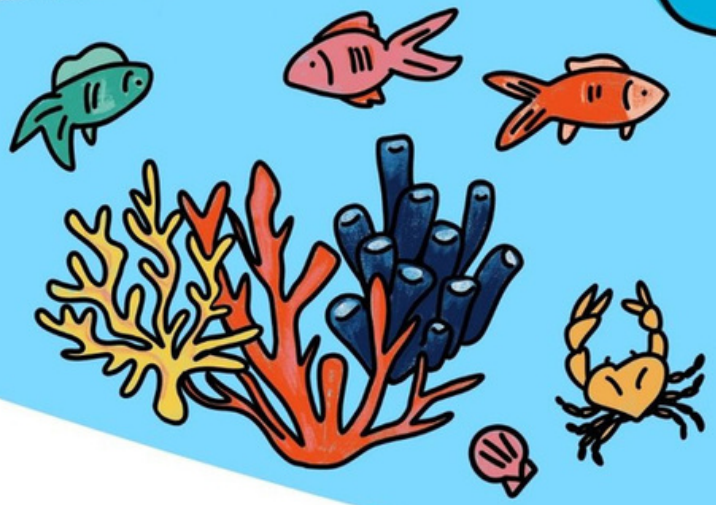
Wastewater – used water that contains waste substances from homes, factories and farms.

Water reuse

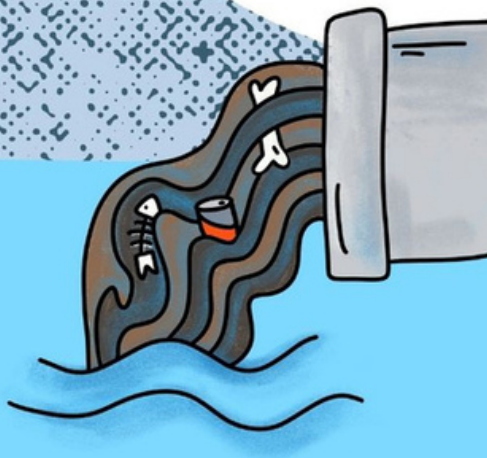
Safe water

Access

6 CLEAN WATER AND SANITATION



Aquatic ecosystems



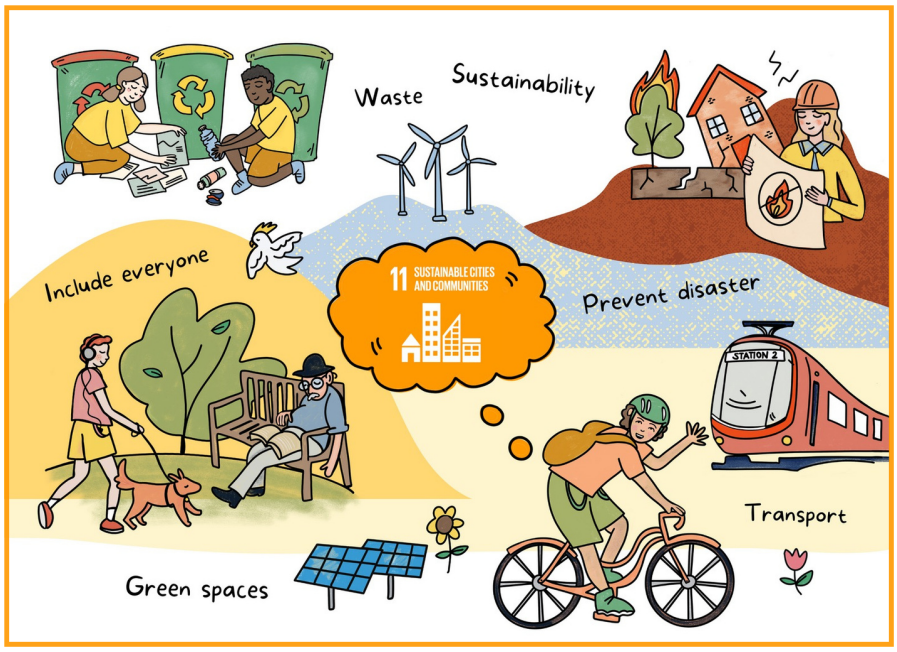
Waste

Sustainability

MOAD
Museum of Australian Democracy
at Old Parliament House

Goal 11 - Sustainable Cities & Communities

- Make cities and human settlements inclusive, safe, resilient and sustainable.



How do these images connect to the ***targets of Goal 11?***

Plus, some guiding questions to help your class find connections:

11.2 - affordable and sustainable transport system

- **What transport is available to you?**
- **How can we make transport safe and inclusive for everyone?**
- **Is the transport you use sustainable? Why do you think so?**

11.3 - inclusive and sustainable urbanisation

- **What does a sustainable city or town look like to you?**
- **Energy is important, but what else might help a city be sustainable?**

11.5 - reduce the adverse effects of natural disasters

- **What natural disasters have you heard about?**
- **How can we help others when extreme weather or other disasters strike?**

11.6 - reduce the environmental impact of cities

- **How do we sort our waste at home and at school?**
- **How can we help reduce our waste?**

11.7 - provide access to safe and inclusive green and public spaces.

- **Where might you find green spaces?**
- **Why might green spaces be important?**
- **Are your green spaces made to include everyone? What could be better?**

We can see someone riding a bike!

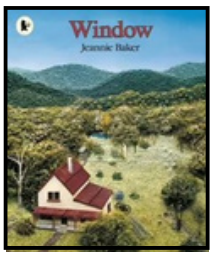
- **How might we travel so as to have the smallest impact on the environment?**
- **What other changes could we make in our daily life to help our environment?**

MOAD
Museum of Australian Democracy at Old Parliament House

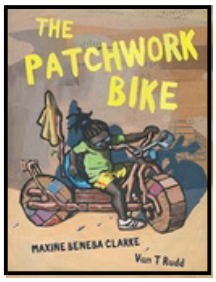
Other Provocations!

Picture Books

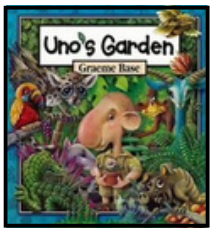
The Promise
Nicola Davies & Laura Carlin



Window
Jeanie Baker



The Patchwork Bike
Maxine Beneba Clarke & Van T. Rudd



Uno's Garden
Graeme Base

FLOOD
Jackie French & Bruce Whatley

The Little House
Virginia Lee Burton

Online Videos

- ***Bicycle Rush Hour Utrecht (Netherlands)*** | BicycleDutch
- ***A Taste of Vienna*** | FilmSpektakel
- ***The Health Benefits of Going Outside*** | The Atlantic
- ***Actsmart Schools, Waste and recycling at your school*** | ACT
- ***Government How to talk to kids about disasters*** | Save the Children

Key Terminology from the Oxford Learner's Dictionaries:

Green Space - an area of grass, trees, or other vegetation set apart for recreational or aesthetic purposes in an otherwise urban environment.

Inclusivity - the practice or policy of providing equal access to opportunities and resources for people who might otherwise be excluded or marginalized, such as those having physical or mental disabilities or belonging to other minority groups.

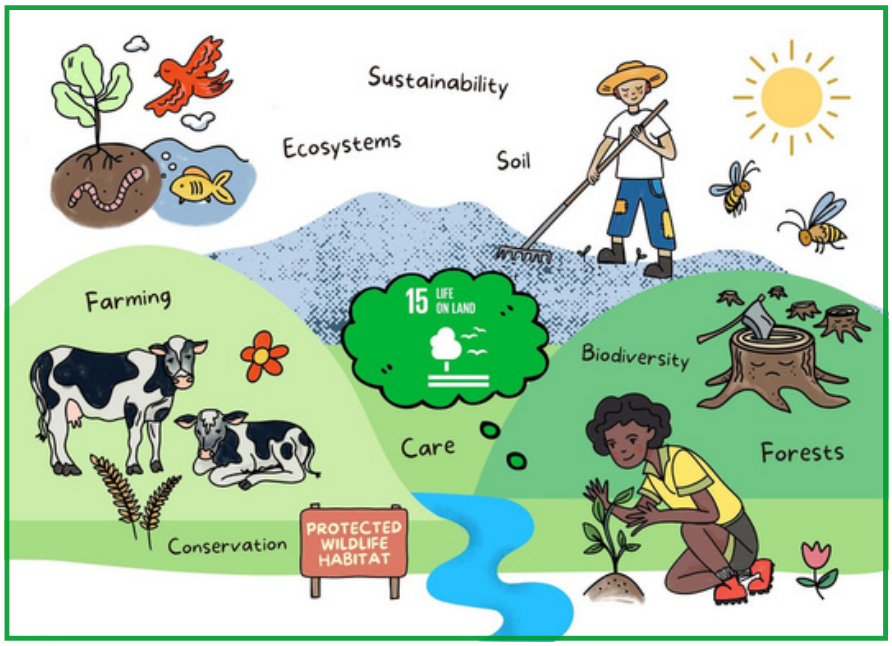
Natural Disaster - a natural event that causes great damage or loss of life.

Urbanisation - the process in which more and more people start to live and work in towns and cities rather than in the country.

MOAD
Museum of Australian Democracy at Old Parliament House

Goal 15 - Life on Land

- protect, restore and promote sustainable use of land-based ecosystems
- sustainably manage forests and combat desertification
- halt and reverse land degradation
- halt biodiversity loss.



How do these images connect to the ***targets of Goal 15?***

Plus, some guiding questions to help your class find connections

15.1 - ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems.

- **What is an ecosystem?**
- **What is an ecosystem that you know about?**
- **How can we help look after it?**

15.2 - end deforestation and restore degraded forests.

- **Why do we cut down trees?**
- **How does this affect the environment?**
- **What can we change to make our impact smaller?**

15.3 - end desertification and restore degraded land.

- **Why is healthy soil important to life on land?**
- **What can we do to take care of the soil?**

15.5 - protect biodiversity and natural habitats.

- **What natural habitats do you know about?**
- **How do you think we can help protect them?**

15.6 - promote access to genetic resources and fair sharing of benefits.

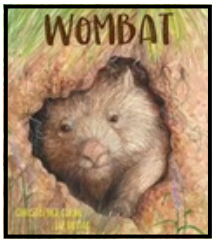
- **What else do we farm?**
- **Why do we need farms?**
- **How might farming impact the environment?**

We can see someone taking action!

- **How might this action help life on land?**
- **What other actions can we take to make a difference in our community?**

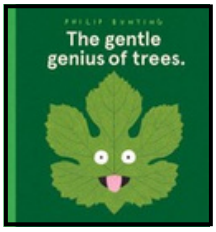
Other Provocations!

Picture Books

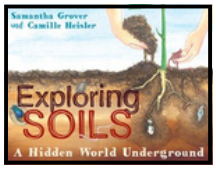


Wombat
Christopher Cheng & Liz Duthrie

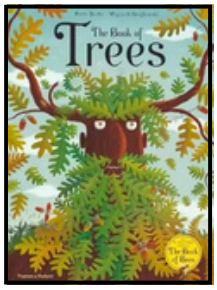
The Forest in the Tree
Ailsa Wild, Aviva Reed, Briony Barr & Gregory Crocetti



The gentle genius of trees
Phillip Bunting



Exploring Soils: A Hidden World Underground
Samantha Grover



The Book of Trees
Piotr Socha & Wojciech Grajkowski

Neville the Devil
Tim Faulkner & Elin Matilda Andersson

Online Videos

- ***Biotop*** | Bakowska's Creative Animation On Human Action Against Nature
- ***Hong Kong Honey*** | Nokia
- ***Why soil is one of the most amazing things on Earth*** | BBC Ideas
- ***Are we in the Middle of Earth's 6th Mass Extinction?*** | Behind the News
- ***Explains How to save our forests and rewild our planet*** | WWF

Key Terminology from the Oxford Learner's Dictionaries:

Biodiversity – the existence of a large number of different kinds of animals and plants which make a balanced environment.

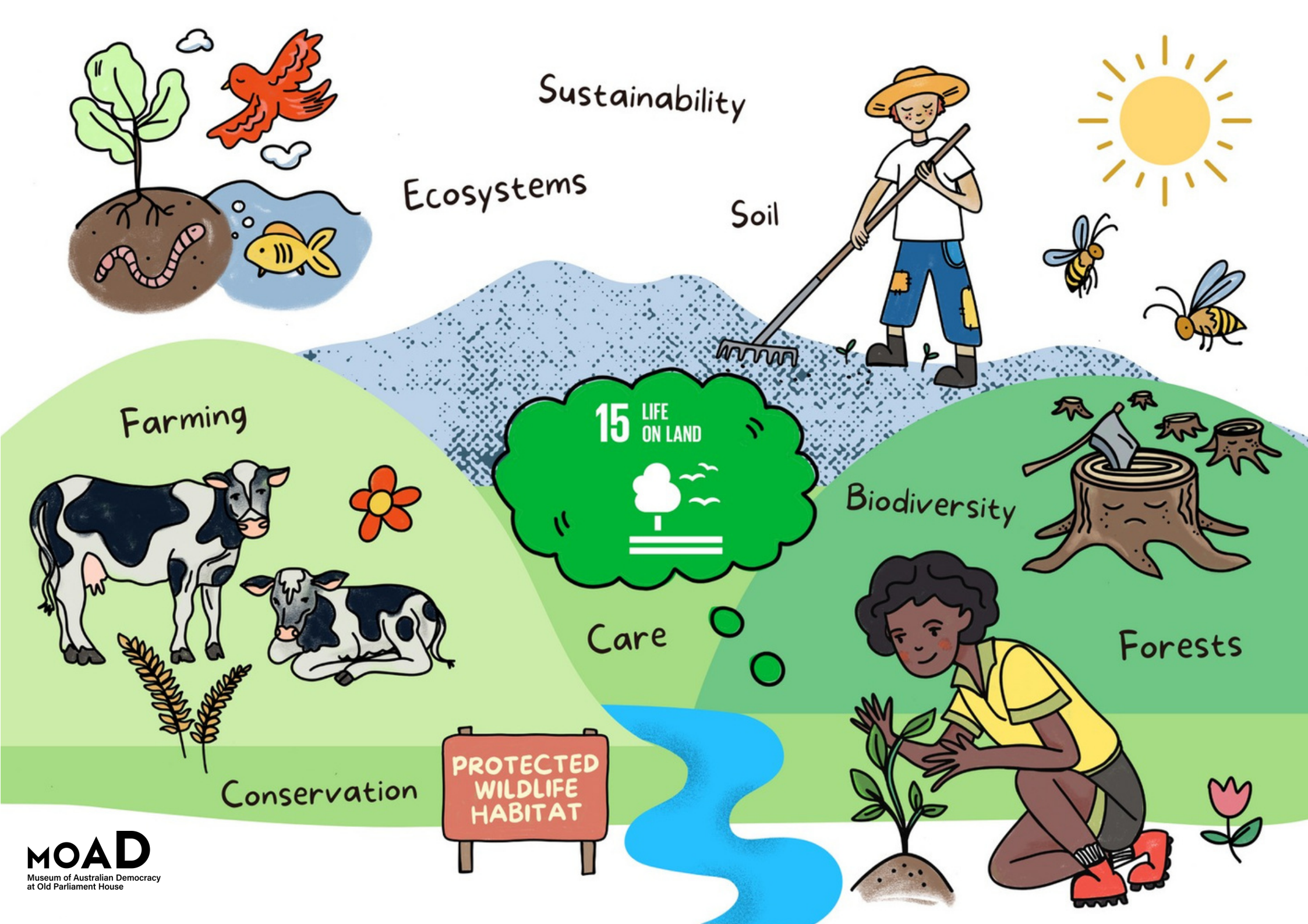
Conservation – the protection of the natural environment.

Deforestation – the act of cutting down or burning the trees in an area.

Desertification – the process of becoming or making something a desert.

Ecosystem – all the plants and living creatures in a particular area considered in relation to their physical environment.

Habitat – the place where a particular type of animal or plant is normally found.



MOAD
Museum of Australian Democracy
at Old Parliament House