

2040 - Seaweed in the Food Chain



Name _____

Class _____

Teacher Preparation

Learning intentions:

Students will...

- ... understand what a food chain is and what a food web is
- ... understand how marine food webs are vulnerable to human activities
- ... understand actions that humans can take to improve marine food webs and habitats

Success criteria:

Students can...

- ... complete a flipped classroom activity in their own time
- ... participate in class and group discussions
- ... work independently and collaboratively
- ... undertake research
- ... create an infographic or poster



Make the learning intentions and success criteria visible to students throughout this lesson.

Teacher content information: A 2018 study by The University of Melbourne on the thoughts and concerns of young people from Generations X and Y found the number one concern across both groups was lack of action around climate change. In particular, "Generation X worries what climate change will mean for their own children, while Generation Y is concerned about the impact on future generations" ([The Educator](#)). The report indicates that young people have a serious mistrust in the Government's ability or willingness to tackle climate change.

Tackling climate change requires large-scale, systemic changes across all aspects of society. Simply aiming to reduce our CO₂ emissions is not enough: we need to rapidly decarbonise our planet. While this might sound challenging, the good news is we already have the knowledge and tools to do it.

2040 is an innovative feature documentary that looks to the future while focusing on what is happening now. Award-winning director Damon Gameau (director of [That Sugar Film](#)) embarks on a journey to explore what the future could look like by the year 2040 if we simply embraced the best solutions already available to us to improve our planet.

The film will demonstrate to your students that we already have the solutions to climate change; we just need to take action to bring them rapidly into the mainstream. The 2040 documentary and curriculum package will support your students in turning this knowledge into positive action for a better future.

Find out how to see the film [here](#). These lessons have been designed with a media library to support teachers. The film is available on video-on-demand and DVD.

The film is the entry point to a global impact campaign that seeks to mobilise audiences to learn about, contribute to, advocate for and invest in regenerative solutions that improve the wellbeing of the planet, all people and all living systems.

To join the Regeneration and share your vision for 2040, see the [website](#).

Watch the 2040 trailer:



[2040 - Official Trailer](#) Password: 2040EDU

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These lessons have been created in partnership with

2040, Good Thing Productions

