

WithOnePlanet

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Investigate

Lesson 4

Teacher notes

How are plants used?

Years 5 to 6

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INQuIRY



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WithOnePlanet

Climate change education
An xpend Foundation initiative

How are plants used?

Lesson 4: Teacher notes

This document provides the teacher with the details of the lesson.

At a glance

Please note: This lesson has been written as a single lesson, but teachers are welcome to teach selected parts of the lesson only, or alternatively run the lesson over a number of classroom periods.

This lesson aims to provide students with thought provoking content, and encourage students to think about the different ways they use plants in their everyday lives. Students are also given the opportunity to draw comparisons between the way they use plants in their lives, and the way people use plants in Timor Leste.

There is also an extension activity, where students can hear and learn some plant related words in Tetun, the language of Timor Leste.

For an assessment guide and key lesson objectives, refer to the Unit outline.

INQuIRY focus: Investigate

The *Investigate* phase (lessons 3–7) is designed to provide students with hands-on experiences of culture and how we use plants in different cultures. Students explore ideas, collect evidence, discuss their observations and keep records. The *Investigate* phase ensures all students have a shared experience that can be discussed and explained.

In the *Investigate* phase students develop a literacy product to represent their developing understanding. They discuss and identify patterns and relationships within their observations. Students consider the current views and deepen their own understanding.

Teacher background information

We use plants in many different ways. Some ways are very obvious such as harvesting wood, fruit, vegetables, etc, and other ways are not as obvious, such as manufacturing clothes, which are made from cotton, and plastic, which is made from oil.

Equipment

For the class

- > Video: Plants in our daily lives, <<http://splash.abc.net.au/media/-/m/86196/plants-in-our-daily-lives>> (1:30 to 2:50 is the relevant section)

For each student

- > Student worksheets

Lesson steps

Please note: This lesson has been written as a single lesson, but teachers are welcome to teach selected parts of the lesson only, or alternatively run the lesson over a number of classroom periods.

1. Students look around the classroom and list in the Lesson 4 - Student worksheet all the things they can see that are made from plants.
2. Show the video, Plants in our daily lives, <http://splash.abc.net.au/media/-/m/86196/plants-in-our-daily-lives> (1:30 to 2:50 is the relevant section).
3. Have a class discussion about the things that are made from plants that the students hadn't realised are made from plants (this is most likely to be clothes and plastic).
4. Show the video, Timor-Leste, what does your school look like? <http://childfundconnect.org/video/timor-leste/what-does-your-school-look>

In Timor Leste people also use different plants for many different things. Watch the following videos and write down all the things you can see people use plants for.

5. Discuss with students the fact that different plants are used differently by different cultures. Together, brainstorm some of the ways students think plants might be used in Timor Leste.

Extension activity

1. Students go to Quizlet website <http://quizlet.com/58756272/plants-flash-cards/> and learn some Tetun words for plants.

Sources:

ABC Splash, *Plants in our daily lives*, <http://splash.abc.net.au/media/-/m/86196/plants-in-our-daily-lives>

Child Fund Connect *Timor Leste what does your school look like?* <http://childfundconnect.org/video/timor-leste/what-does-your-school-look>

Quizlet website <http://quizlet.com/58756272/plants-flash-cards/>