Investigate

Lesson 7
Student worksheet
The statistics

Years 7 to 8

WithOnePlanet.org.au

INQuIRY

WithOnePlanet
Climate change education
An xpand Foundation initiative

The statistics

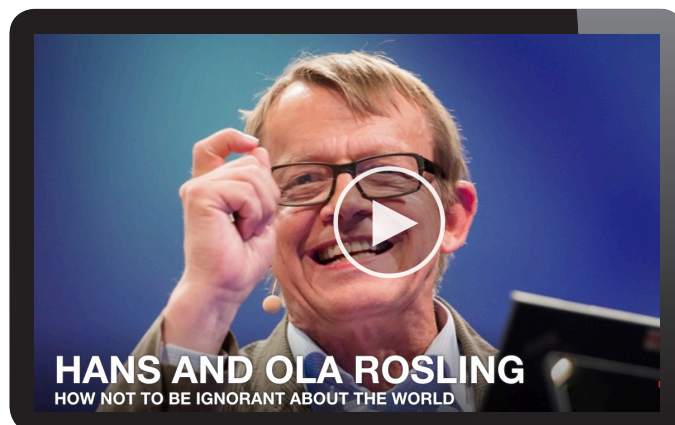## Lesson 6: Student worksheet

Introduction

In our world, there are many differences based on our languages and cultures. There are also many things that are comparable between countries, such as yearly income, life expectancy, mortality rates of children under 5, and so on. In this lesson we will look at some of the figures from Australia, as well as from some of our closest neighbours in Asia, including Timor-Leste.

Activity 1: Overcoming our misconceptions

The Gapminder Foundation is an organisation that aims to help people find out about the actual facts in the world, as they have found that many people are ignorant of the facts of the world around them. You can read about the background to the project here: <http://www.gapminder.org/ignorance/>.

Watch the video *How not to be ignorant about the world*, from the founders of the Gapminder foundation: <http://www.gapminder.org/ignorance/> Watch the video, read information on the website and answer the following questions.

HANS AND OLA ROSLING
HOW NOT TO BE IGNORANT ABOUT THE WORLD

Q1: Were you surprised by any of the facts?

_____

_____

_____

Q2: Can you think of a misconception you have about your immediate life?

_____

_____

_____

_____

Activity 2: Checking out the Gapminder website

Go to the Gapminder website at <http://www.gapminder.org/>.

On the main page, click on the _How to use_ tab and watch the short 2-minute video on how to use the Gapminder graph on the website.

Activity 3: Where am I from?

Your teacher will hand out some _Where am I from?_ cards, which have information from the Gapminder website on:
> income per person
> life expectancy
> child mortality rates
> number of children per woman
> per cent of total literacy and cumulative C02 emissions.

When you get a card, guess which country it is referring to. The answer will be one of the following countries:
> Australia
> China
> India
> New Zealand
> Malaysia
> Indonesia
> Timor-Leste or
> Papua New Guinea.

Once you have guessed, check your facts on the Gapminder website to see if you got it right.

Q1: Which countries you guessed correctly?

_____

_____

Sources:
((KL to ADD))

Q2: Which countries were easiest to guess correctly?

_____

_____

Q3: Did you have any misconceptions about Australia and our closest neighbours that you were highlighted through this activity?

_____

_____

_____

_____

_____

_____

_____

_____

Activity 4: A closer look at Timor-Leste?

Look at some of the statistics from Timor-Leste on the WithOneSeed website, <www.withoneseed.org.au/timor-leste>, and answer the following questions.

Q1: How do the statistics on Timor-Leste compare with some of the other countries in the region?

_____

_____

_____

_____

Q2: What is one of the big problems during the wet season in Timor-Leste?

_____

_____

_____

_____

Q3: How is the WithOneSeed program working with farmers in Timor-Leste?

_____

_____

_____

_____

Sources:
((KL to ADD))

Q4: What benefits are the WithOneSeed program having for the community in Baguia?

_____

_____

_____

_____

_____

_____

_____

Q5: What effect could this type of program have on the Timor-Leste statistics in the future?

_____

_____

_____

_____

_____

_____

_____