

91733R



NEW ZEALAND QUALIFICATIONS AUTHORITY  
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD  
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

## Level 2 Education for Sustainability, 2015

### 91733 Demonstrate understanding of initiatives that contribute to a sustainable future

2.00 p.m. Wednesday 2 December 2015  
Credits: Four

## RESOURCE BOOKLET

Refer to this booklet to answer the questions for Education for Sustainability 91733.

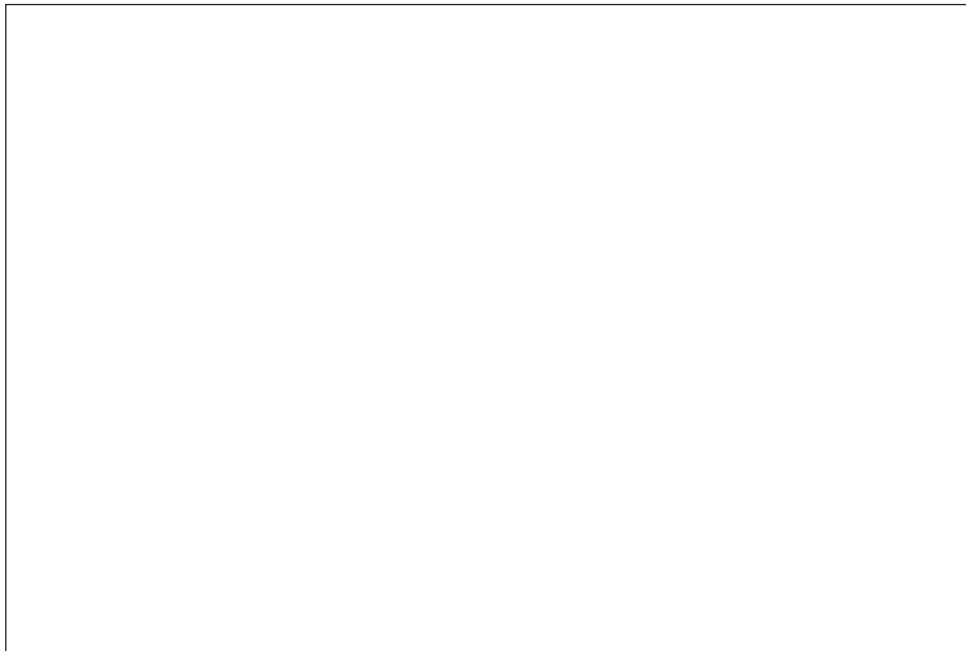
Check that this booklet has pages 2–5 in the correct order and that none of these pages is blank.

**YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.**

## RESOURCE A: THE GREAT PACIFIC GARBAGE PATCH

The Great Pacific Garbage Patch is a collection of marine debris in the North Pacific Ocean.

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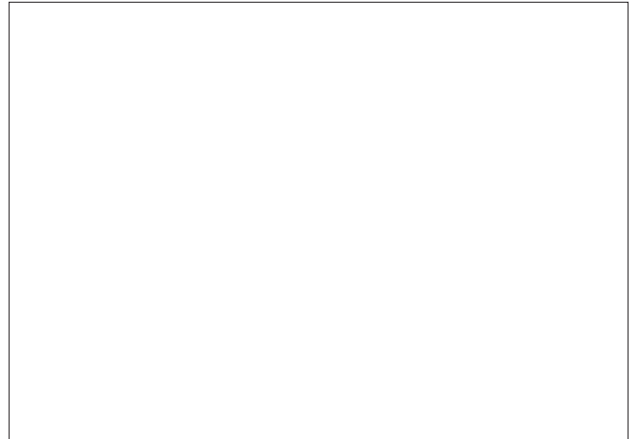


Image: Chris Jordan

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Many individuals and international organizations are dedicated to preventing the patch from growing by supporting manufacturers to change from producing toxic, disposable plastics to biodegradable or reusable materials.

Sources (adapted):

Map and text: <http://marinedebris.noaa.gov/info/patch.html>

Text: <http://education.nationalgeographic.com/education/encyclopedia/great-pacific-garbage-patch/>, and Grant A. Harse, 'Plastic, the Great Pacific Garbage Patch, and International Misfires at a Cure', *UCLA Journal of Environmental Law and Policy* 29(2) (2011), pp. 331–362.

Image: <http://www.oceanvoyagesinstitute.org>

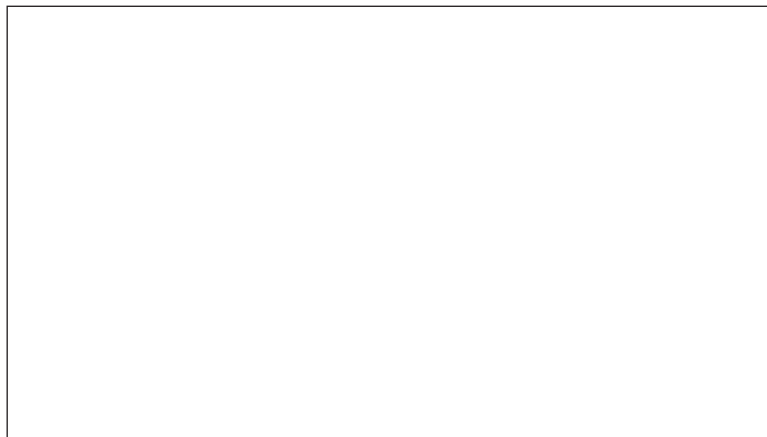
**RESOURCE B: INITIATIVE ONE – COASTAL CLEANUP DAYS**

California Coastal Cleanup Day was first organised in 1985 by the California Coastal Commission, but the idea of a community-based cleanup event did not come from California.

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And it's a moment to share with one's neighbours, family, and friends – coming together to accomplish something vital and worthy on behalf of our environment.



Sources (adapted):

Text: <http://www.coastal.ca.gov/publiced/ccd/ccd.html> and <http://www.cleanupday.org/>

Image: <https://coastalcleanup.wordpress.com/2012/03/31/earth-day-coastal-cleanup-tanah-merah-a-call-to-organisations-to-hit-the-beach-on-sat-28-apr-2012>

**RESOURCE C: INITIATIVE TWO – BANNING PLASTIC BAGS**

Once you throw plastic bags in the trash, you don't have any control over where they go.

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Image: Troy Mayne

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The bill was amended to waive fees for customers on public assistance, and limit how grocers can spend the fee proceeds.

Sources (adapted):

Text: [http://www.huffingtonpost.com/2014/09/30/california-plastic-bag-ban\\_n\\_5904766.html](http://www.huffingtonpost.com/2014/09/30/california-plastic-bag-ban_n_5904766.html), and

<http://www.oureverydayearth.com/5-major-reasons-to-ban-plastic-bags/>

Image: <http://jaws-paws.org/hawaiiangreenseaturtle/>