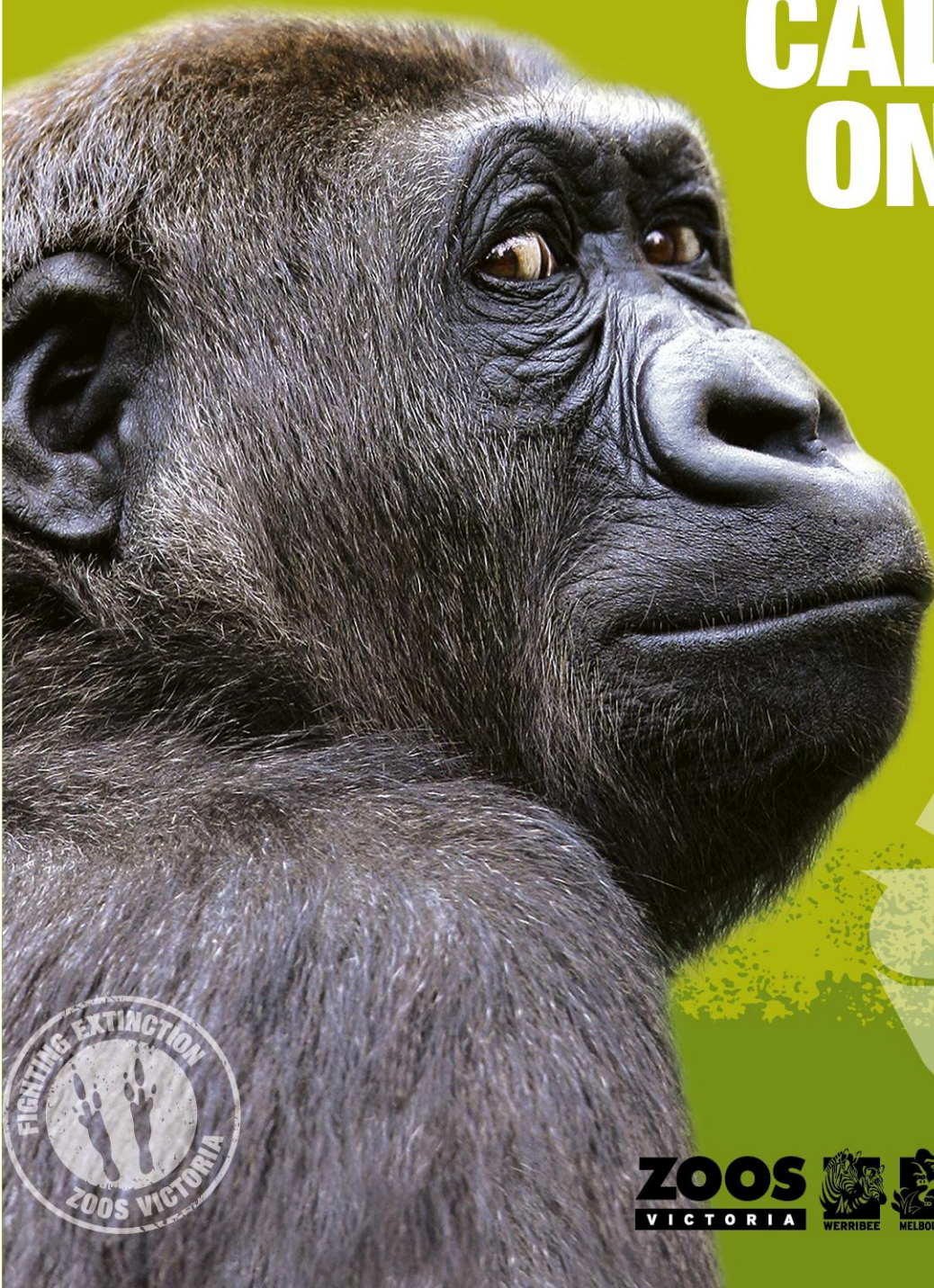


THEY'RE CALLING ON YOU

Teacher Resource

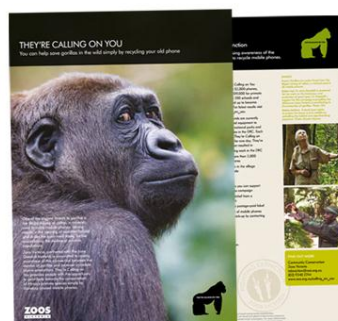
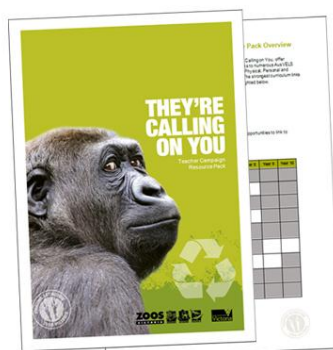


ZOOS
VICTORIA



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Zoos Victoria is a not-for-profit zoo-based conservation organisation committed to fighting wildlife extinction.



Zoos Victoria: *Education for Conservation*

Zoos Victoria recognises that education is a vital step in helping save the world's most endangered wildlife. Our education programs reflect best practice by connecting future generations to the world's unique wildlife and shaping personal values to include positive conservation principles. In addition, programs provide clear conservation actions that contribute directly to saving species across the globe now and into the future. We call this practice *Education for Conservation*.

Zoos Victoria also aims to reflect the leading teaching and learning practices used across Victorian schools. As such, this teacher resource is designed to complement integrated curriculum units, inquiry-based learning and address AusVELS outcomes.

Want to know about *Education for Conservation*?

Feel free to [contact us](#), or better yet, visit one of our properties with your students and experience *Education for Conservation* in action.

Introduction to the Resource Pack

Get involved in Zoos Victoria's *They're Calling on You* campaign with this specially designed Teacher Resource Pack. With access to a range of unique resources and classroom ideas, this pack will help you guide students through an integrated curriculum experience exploring inquiry questions that investigate wildlife conservation, resource use and sustainability.

Schools can directly support Zoos Victoria and field partners to protect wild gorilla populations by developing a mobile phone recycling campaign and establishing a collection point in their local community.

It is with the support of schools and the Victorian community that *They're Calling on You* has, since 2008, been able to recycle more than 116,000 mobile phones and raise over \$200,000 for crucial primate conservation.

Thank you for your support.



Got a question?

We're here to help!

Get in contact with Zoos Victoria at any stage of your *They're Calling on You* journey using the details below.

Teachers

Email our Community Conservation Team via takeaction@zoo.org.au

Book a visit by calling 1300 966 784.

Students

Enquiries or questions can be directed to actwild@zoo.org.au



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They're Calling on You: Get involved

Key Action: Establish a community mobile phone collection drive at your school.

There are many different ways that you and your students can become involved with the *They're Calling on You* campaign. Check out the action list below for ideas and suggestions.

Things you can do

- ✓ Download and read through the Teacher Resource
- ✓ Register for upcoming Zoos Victoria [teacher professional development](#).
- ✓ Introduce students to *They're Calling on You* through your own, or the suggested, inquiry questions and classroom activities below.
- ✓ Join an upcoming student and/or teacher [web conference](#).
- ✓ Arrange for your students to begin a mobile phone collection drive at school or in the local community.
- ✓ [Download](#) the mobile phone collection resources, including poster and label for your own collection box.
- ✓ [Contact us](#) to arrange collection of a specially designed Zoos Victoria *They're Calling on You* Mobile Phone Collection Box from Melbourne Zoo or Werribee Open Range Zoo.
- ✓ When you've finished collecting old mobile phones, contact [PhoneCycle](#) to come and collect your phones for recycling, or bring them into us at Zoos Victoria.
- ✓ Become a Fighting Extinction school by sharing your *They're Calling on You* journey on our [Share your Story](#) page.

Want to do more?

- ✓ [Adopt](#) an animal with Zoos Victoria.



They're Calling on You Teacher Resource Pack Overview

Zoos Victoria's conservation programs offer genuine case studies for student inquiry learning with strong links to AusVELS discipline-based learning domains and numerous other links to Physical, Personal and Social Learning as well as Interdisciplinary Learning domains.

The strongest curriculum links associated with *They're Calling on You* are highlighted below.

Best suited for students completing:


Year 5 to Year 10

Main AusVELS Domains:

Civics and Citizenship, Geography, Science, Economics (with opportunities to link to numerous other curriculum domains)

Strongest Curriculum Links

		Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Civics and citizenship	Community Engagement						
	Civic knowledge and understanding						
Economics	Economic knowledge and understanding						
	Economic reasoning and interpretation						
Geography	Geographical knowledge and understanding						
	Geospatial skills						
Science ^{AC}	Science Understanding						
	Science Inquiry Skills						
	Science as a Human Endeavour						

 Linked curriculum standards

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Classroom Activities

They're Calling on You is a rich action-based program that provides real-world learning opportunities for students to explore, among others, the issues associated with wildlife conservation, resource use and sustainability.

Ideally, students can engage with *They're Calling on You* through [inquiry learning](#) opportunities that allow investigation of the following overarching and inquiry questions using the suggested resources below.

Years 5-6

Overarching Question:

Can our actions and decisions affect species on the other side of the world?

Introduce *They're Calling on You*

- Where would you travel to see a gorilla in their natural habitat?
- How would you describe the difference between gorilla species?
- What do you believe the 'perfect' gorilla habitat would look like?
- What similarities and differences can you find between gorillas and humans?
- Who do believe would be considered as the world's leading gorilla expert?
- What do you believe are the top physical and behavioural traits (adaptations) that gorillas have to help them survive?

Understand the Issues

- What do you believe are the greatest threats facing gorilla populations?
- How would you describe a human-animal conflict?
- What do you believe are the 'root causes' of the threats that gorillas face today?
- What is coltan? How does coltan mining impact gorilla populations?
- What links can you find between gorillas and mobile phones?

Act to save wildlife

- What do you think it means to be an "informed consumer"?
- How would you describe the difference between a 'need' and a 'want' using mobile phones as an example?
- How could you educate others about the link between mobile phones and gorillas?
- What do you believe are the positive and negative effects of the *They're Calling on You* mobile phone recycling program?
- How many mobile phones do you estimate your school class can collect and recycle from your local community?
- What are some alternative actions that could reduce the number of devices that contain coltan being bought?



Years 7-8

Overarching Question:

Is protecting animal species from extinction the responsibility of local communities or the world?

Introduce *They're Calling on You*

- Where and how would you travel to see gorillas in the wild?
- How would you describe the living conditions of communities near gorilla habitat?
- Why do you think different gorilla species have different characteristics?
- How do you think your life would have been different if you had grown up in the Democratic Republic of Congo?
- How could the remaining population of gorillas be accurately calculated?
- Which is the most endangered gorilla species?
- How can you demonstrate the intelligence of gorillas?

Understand the Issues

- What do you believe 'sustainable' to mean?
- How do you see that humans have interrupted the food chain/web of gorillas?
- How would you describe human-animal conflict?
- What difficulties can you see that rangers have in monitoring and protecting wild gorilla populations?
- Which do you believe is the main threat that gorillas face?
- Why do you think gorilla populations are slow to recover from a decline?
- Do you believe "bushmeat" is a natural threat or an unnatural threat to gorillas?
- How can you link gorillas and mobile phones?
- Do you believe that gorilla population decline is an acceptable trade-off consequence of human development?

Act to save wildlife

- Do you believe that the *They're Calling on You* campaign is the best way to support endangered gorilla populations?
- Why do you think Zoos Victoria works with field partner organisations to help save endangered species?
- Why do you think Zoos Victoria refers to gorillas as an ambassador species?
- What does it mean to you to be an 'informed consumer'?
- What would be the best way to persuade people in your community to recycle their mobile phones for gorillas?
- How many mobile phones could your school class collect and recycle from your local community?
- What are some alternative actions that could reduce the number of devices that contain coltan being bought?



Years 9-10

Overarching Question:

Is it inevitable that some wildlife species will become extinct for human development to progress?

Introducing *They're Calling on You*

- Where and how would you travel to see gorillas in the wild?
- How can you tell the difference between gorilla species?
- Why do you think there are behavioural and physical differences between gorilla species?
- What other environments/habitats/ecosystems do you think gorillas could successfully survive in?
- Who do you think should be considered the world's leading gorilla expert?

Understanding the Issues

- Do you feel that human development can ever be environmentally sustainable?
- How does the living conditions of communities near gorilla habitat contribute to gorilla endangerment?
- Which gorilla species do you think is least likely to become extinct?
- Do you think endangered species is a bigger problem in developing or developed countries?
- Who do you believe is responsible for the future protection of gorilla populations?
- How do you think the values and needs of society influence gorilla populations?
- What do you think is the most significant factor in increased Mountain Gorilla populations?
- What do you understand to be the link between gorillas and mobile phones?
- What is coltan?
- What do you consider to be the greatest threat to gorilla populations?
- Do you agree that environmental sustainability restricts innovation?

Act for Wildlife

- What do you understand being an 'informed consumer' to mean?
- How would you reduce the purchasing and use of illegal coltan across the world?
- Can people ever become fully ethical consumers?
- Why do you think Zoos Victoria refers to gorillas as an ambassador species?
- How could you persuade people in your community to recycle their mobile phones for gorillas?
- How many mobile phones could your school class collect and recycle from your local community?
- What are some alternative actions that could reduce the number of devices that contain coltan being bought?



Resources

Below are a range of identified resources which students can use to begin researching the inquiry questions above.

About *They're Calling on You*

Poster

http://www.phonecycle.com.au/images/A3_TCOY_Poster.pdf

Program page

<http://www.zoo.org.au/get-involved/act-for-wildlife/theyre-calling-on-you>

They're Calling on You Mobile Phone Collection Resources

Phone Collection Drive

<http://www.phonecycle.com.au/charity-phone-recycling/tcoy-donate-phones-for-recycling/recycle-phones-for-the-gorillas.html>

Phone Collection Box Label

http://www.phonecycle.com.au/images/Collection_Box_Label_Landscape.pdf

PhoneCycle Collection Request

<http://www.phonecycle.com.au/charity-phone-recycling/tcoy-donate-phones-for-recycling.html>

Digital Learning Resources

Sign up for Education and Conservation updates

<http://www.zoo.org.au/enews>

Mobile phone gorilla ringtone

<http://www.actwild.org.au/wildschools/video-mashups/>

Mash-up video

<http://www.actwild.org.au/wildschools/video-mashups/>

Act Wild

<http://www.actwild.org.au/animals/gorilla/>

Gorilla Posts

<http://www.actwild.org.au/zoofeeds/?tag=gorillas>



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Gorillas

Zoos Victoria

<http://www.zoo.org.au/melbourne/animals/western-lowland-gorilla>

<http://www.zoo.org.au/werribee/animals/gorilla>

<http://vimeo.com/31890162>

Berggorilla

<http://www.berggorilla.org/en/gorillas/species/>

World Wildlife Fund (WWF)

http://wwf.panda.org/what_we_do/endangered_species/great_apes/gorillas/meet_the_gorillas.cfm

http://wwf.panda.org/what_we_do/endangered_species/great_apes/gorillas/?src=footer

IUCN Red List

<http://www.iucnredlist.org/>

African Wildlife Foundation

<https://vimeo.com/119087167>

Other Organisations

Taronga Zoo

<https://www.youtube.com/watch?v=pqFHtyeTbnU>

Gorilla Doctors

<http://www.gorilladoctors.org/>

Dian Fossey

http://gorillafund.org/multimedia_videos

Coltan

http://news.nationalgeographic.com.au/news/2006/01/0120_060120_cellphones.html



Threats

Berggorilla

<http://www.berggorilla.org/en/gorillas/threats-protection/>

Nature for Kids Video series

Episode 1

<http://vimeo.com/73769060>

Episode 1 Magazine

http://issuu.com/natureforkids.nl/docs/def_habitatloss_engels

Episode 2

<http://vimeo.com/76631944>

Episode 2 Magazine

http://issuu.com/natureforkids.nl/docs/def_snaring_engels_may2013

Episode 3

<http://vimeo.com/76631948>

Episode 3 Magazine

http://issuu.com/natureforkids.nl/docs/def_bushmeat_engels

Gorilla Water

<http://vimeo.com/65479034>

