



Cut the Carbon Ltd
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Appendix 1

Assorted Pupil Feedback – Sutton Schools, “Education for One Planet Living” Project

Below is a selection of the feedback we got about the game, both good and bad! At some schools we asked for group instead of individual feedback. We have not changed the grammar or the spelling, so these are verbatim from the sheets.

General comments

[I would like to say thank you for your time in trying to educate us of the cut the carbon](#)

Jamie, Year 8 Carshalton Boys Sport College

[I despise the concept of carbon allowances. It is an erosion of civil liberties](#)
Joe, Year 8 Wallington County Grammar Schools for Boys

[It was fun](#)

Omar, Year 8 Wallington County Grammar Schools for Boys

[What more can we do to help the environment?](#)

Brendon, Year 8 Wallington County Grammar Schools for Boys

[It has shown me how to look after our planet](#)

Michael, Year 8 Wallington County Grammar Schools for Boys

[It was fun thank you](#)

Tyrus Year 8, Wallington County Grammar Schools for Boys

[It was so enjoyable](#)

Owain Year 8, Wallington County Grammar Schools for Boys

[I don't believe in global warming](#)

Jonathan Year 8, Wallington County Grammar Schools for Boys

[I learnt a lot today](#)

Danny, Year 8, Carshalton Boys Sports College

[It's less boring than some science lessons¹](#)

Caitlin, Year 8, Greenshaw High School

[It was too short but fun!](#)

Tree huggers, Year 8, Greenshaw High School

¹ Dammed with faint praise!



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I think everyone should be concerned about global warming and stop it once and for good

Globalstoppers, Year 8, Greenshaw High School

The game was good and it taught me about CO₂

Amy, Year 8, Overton Grange High School

The game was cool and fun!!!

Aasha, Year 8, Overton Grange High School

I respect you but I'm not going to cut my carbon. SORRY ☺

Lydia, Year 8, Overton Grange High School

I learnt useful information about how to reduce my carbon footprint

Emilie, Year 8, Overton Grange High School

This game is really effective for people who didn't know a lot about CO₂.

Salma, Year 8, Overton Grange High School

I'll advise other people in the norage² I have learnt in today's 'cut the carbon'.
Keep up the Good Work Guys!

Rosie, Year 8, Overton Grange High School

LOL

Rich Pinky Girlz, Year 8, Carshalton High School for Girls

Yes, I love this game

Katy and Kim, Year 5, Robin Hood Junior School

No disrespect I really hated it!!!

Troy, Year 5, Robin Hood Junior School

I love it so much

Amy, Year 5, Robin Hood Junior School

Yeah I love it its great they should do it in shops but on computer say on cd
turn off computer once finished

Izzy, Year 5, Robin Hood Junior School

That game was the second best board game I ever played!

Harry, Year 5, Robin Hood Junior School

² Knowledge?



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BRILLIANT!!! Thank you!

Lucie, Nicky, Tom, Becky, Abbie and Guy, Year 5, Stanley Park Junior School

We really enjoyed it and it inspired us to help the environment. Thank you!

5B, Year 5, Stanley Park Junior School

Some people cheated so that wasn't fair. But we learnt a lot.

Zara, Rosie and David, Year 5, Hackbridge Primary School

Will we die if we carry on using CO₂?

Ahturn, Year 5, Hackbridge Primary School

I think it was brilliant

Rikki, Year 6, SS Peter and Paul's Primary School

I hope you come back in year 6

Jamie, Year 5, SS Peter and Paul's Primary School

I really enjoyed the game and would like to have a set of the game for me and my family!

Mollie, Year 5, SS Peter and Paul's Primary School

I enjoyed it because it's a game while you are learning

Nicole, Year 5, SS Peter and Paul's Primary School

It was extremely fun because you didn't know if you are a winner or a loser!

Antoinette, Year 6, SS Peter and Paul's Primary School

It was fun and you did it well. We really enjoyed it so much. Thank you.

Evie, Megan, Natasha Year 5, Stanley Park Junior School

Thank you. I learned so much

Shanice, Year 5, Culvers House Primary School

Could the world come to an end from global warming?

Lauren, Year 5, Culvers House Primary School

It was really fun today

Becky, Year 5, Culvers House Primary School

A good game to play and learn from

Anojan, Year 8, Wallington County Grammar Schools for Boys



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I kept getting bad cards (there were too many bad ones)³
Chris, Year 8, Wallington County Grammar Schools for Boys

Ideas for Carbon cards or lifestyle cards

We will be using some of these ideas on future carbon and lifestyle cards, with acknowledgment to the pupils, and after we have calculated the exact CO₂ emissions!

You get hit by a car and die + 1,000
Khantiel Year 8, Wallington County Grammar Schools for Boys

You buy products that only have a small amount of packaging + 100
Jordan Year 8, Wallington County Grammar Schools for Boys

There is a power cut so you have to stop watching TV for the night +15
Anonymous Year 8, Wallington County Grammar Schools for Boys

You play the PS3 for 4 hours Lose 2500
Chris Year 8, Wallington County Grammar Schools for Boys

Your window breaks. Do you:
A) Replace it normally +0
B) Replace it with double glazed glass +100
C) Leave it glass less -150
D) Fill it with bricks/remove whole window -580
Dan, Year 8, Wallington County Grammar Schools for Boys

You get hit by a car. You save 1000kg because the car cannot go anywhere
Jon, Year 8, Wallington County Grammar Schools for Boys

Your cousin comes to stay and insists on turning on all the lights Lose 500
Hau Yin, Year 8, Wallington County Grammar Schools for Boys

You get a PSP for your birthday. You lose 1500
Alun, Year 8, Wallington County Grammar Schools for Boys

Lose 30 for leaving the tap running
Gain 100 for efficient toilet
Rawa, Year 8, Wallington County Grammar Schools for Boys

³ There are in fact the same number of winner cards as loser cards



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When do you wash your uniform?

- a) Every day
- b) Every year
- c) Every week
- d) Every century

Morgan, Katherine, Vivian Year 8, Greenshaw High School

No school and no homework so you don't waste energy or CO₂. Homework is paper, paper is trees

Amy, Doug, Georgia, Year 8, Greenshaw High School

You own a cow – 1000kg CO₂⁴

The fiercesome (sic) foursome, Thefra, Niall, Ian, Luke, Year 8, Greenshaw High School

You go on a round the world trip by plane. You lose 5000kg CO₂

RCPL, Year 8, Greenshaw High School

You spend ages on the phone to your friend in America

Emma, Year 8, Overton Grange High School

You take a bus that's run by electricity +1000

Billy, Year 8, Overton Grange High School

You car share

Natasha, Year 8, Overton Grange High School

You got carjacked and have to start walking to work Scores 1300

Martin, Year 8, Wallington County Grammar Schools for boys

Loser. You attend an air show helping to waste fuel

James, Year 8, Overton Grange High School

You go round the house turning off lights, switches and electrical appliances.

You save.....

Jessica, Year 8, Overton Grange High School

You buy some crisps. Lose 75 grammes

Sasha, Year 5 Robin Hood Junior School

Loser card. You turn the telly on when not in your house. You lose 500

Mark, Year 5 Robin Hood Junior School

⁴ Not sure if they have done the methane to CO₂ calcs!



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You are a carbon winner! You successfully cycled to school and back for twenty days. You saved 50 kg

Harry, Year 5 Robin Hood Junior School

You drive up to Croydon but there aren't any parking spaces so you go home. When you live 10 minutes away!

Emma, Year 5 Robin Hood Junior School

You have crashed your eco car and buy a diesel one. Lose 500

Anonymous, Culver's House Primary School

Your dad bought a brand new car and likes to drive it around a lot. You have lost 970 kg

Bradley, Year 6, SS Peter and Paul's Primary School

Your homework horror..... You don't know how to do your homework do you look it up on the computer or ask?

Shauna, Year 6, SS Peter and Paul's Primary School

What one thing will you do to reduce the amount of carbon you emit?

Most pledges were about turning lights off or TV off, or computer off (we only asked them for one thing). Quite a few were about walking to school instead of coming by car. Few talked about using less heating. Or fitting energy saving light bulbs and quite a few said they would encourage their family to reduce carbon emissions / go green, /turn off lights etc

I will change house and I will walk more often

Anonymous, Year 8, Wallington County Grammar Schools for Boys

Don't play the PS3 as often as I do

Chris, Year 8, Wallington County Grammar Schools for Boys

Stop showering for so long

Scott, Year 8, Wallington County Grammar Schools for Boys

Think about food miles and purchase more local produce

Matthew, Year 8, Wallington County Grammar Schools for Boys

I already do all that I personally can to "cut the carbon"

James, Year 8, Wallington County Grammar Schools for Boys

I will travel to and around places in a more beneficial way to the environment



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Brendon, Year 8, Wallington County Grammar Schools for Boys

[Get off the bus a stop early so that less CO₂ is emitted](#)

Michael, Year 8, Wallington County Grammar Schools for Boys

[Lose my mobile phone](#)

Ben, Year 8, Wallington County Grammar Schools for Boys

[To not buy as many Nike trainers](#)

Cheanna, Year 8, Overton Grange High School

[Buy more local produce or fair-trade goods. Leave the packaging at the supermarket to prove a point.](#)

Rosie, Year 8, Overton Grange High School

[Anything from the game – that is good of course](#)

Alan, Year 5 Robin Hood Junior School

[I will only watch TV for 3 hours a day maximum to save CO₂](#)

Reise, Year 5 Robin Hood Junior School

[I will not live in Victorian houses and switch the computer on if I'm not using it](#)

Ishita, Year 5 Robin Hood Junior School

[Tell everyone I know](#)

Mosun, Year 5 SS Peter and Paul's

[I will invent eco inventions](#)

Sony, Year 5, Stanley Park Junior School

[Ban cars and all things that produce carbon dioxide](#)

Thomas, Year 5, Culvers House Primary School

[Don't turn the toilet light on when I go to the toilet](#)

Kaeleen, Year 5, Culvers House Primary School



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Appendix 2

Assorted Teacher Feedback – Sutton Schools, “Education for One Planet Living” Project

Below is a selection of the feedback we got about the game from the teachers. We were not always able to get teacher feedback as they were adding up the scores during time allocated for pupil feedback and teachers often came in only with their class and disappeared again.

General comments

[Smaller groups with more games so that children’s interest was held better](#)
Wendy Dixon, Year 5 teacher, Stanley Park Junior School

Our comment: We can easily provide more boards (no cost) and more trainers (does cost). We often take three boards in to reduce the number playing per board. This requires two teachers to be provided by the school.

[A bigger board would be better](#)

Lauren Lamprell, Year 8 teacher, Carshalton High School for Girls

Our comment: We require finding to produce a bigger board. It is something we have discussed in-house. We wonder whether a roll up cloth board would work.....

[It’s quite wordy for the less able pupils – more pictorial element?](#)

Gillian Wyatt, Year 5 form head, Robin Hood Junior School

Our comment: We do recognise this as an occasional issue with younger players who are less able. The Cut the Carbon trainer will identify these pupils and explain the question in simpler language to those who are struggling. It is therefore more of an issue when the teachers are running the game. We should be more aware to explain that to the teachers before the game starts.

[Some pre-set follow-up activities/literature for action would be very useful](#)

Mike Flowers, SS Peter and Paul Primary School

Our comment: We agree! Every multiple choice square on the board and every carbon card and lifestyle card could have a set of worksheets attached to it. We need funding to provide that..... and would welcome offers of funding from anyone reading this report.

[This is brilliant. I have a lesson already planned for me with all the answers!](#)
[We will roll this out to Years 7 and 9 as well.](#)

Tania Yorke, Year 8 head, Overton Grange High School



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It was a great day. Very useful and stimulating. Many thanks.
Laraine Brown, Year 5, Stanley Park Junior School

Session was well led with an excellent range of resources
P. Henry, Years 7-9 teacher, Carshalton High School for Boys

What one thing will you do to reduce the amount of carbon you emit?
We also asked the teachers this question.

Change my energy consumption habits in the classroom!
Jonathan Eynon, Wallington County Grammar Schools for Boys

This sentiment was echoed by virtually all the teachers



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Appendix 3



Feedback sheet – school pupils

We hope you enjoyed Cut the Carbon. We would be very pleased to receive your feedback. Please circle the answer that is closest to how you feel. Thank you!

Name:.....

School:.....

- 1) **Did you enjoy cut the carbon?**
Yes a lot Yes a bit No Don't know
- 2) **Did you learn more about climate change and the links between climate change, energy and you and your lifestyle?**
Yes a lot Yes a bit No Don't know
- 3) **Would you like to play the game again?**
Yes a lot Yes a bit No Don't know
- 4) **Would you like a version for the computer?**
Yes a lot Yes a bit No Don't know
- 5) **What one thing will you do to reduce the amount of CO₂ you emit?**
- 6) **Can you think of any of your own carbon cards or lifestyle cards?**
- 7) **Have you got any other comments?**



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Appendix 4

Water saved by retrofitting save-a-flush bag

Name:

School.....

	Calculations
Current flushing volume	
No of people in dwelling	
WC uses per day	
Water saved per day (litres)	
Water saved per week (litres)	
Water saved per year (litres)	
Water saved per year (m ³)	
Cost of water per m ³	
Water Supplier	
Money saved per year	
CO ₂ emissions saved per year	

Current flushing volume is 95% likely to be one of the following: 9 litres, 7.5 litres, 6 litres, 6/4 litres dual flush. If your toilet is not dual flush and was fitted before 2001 it will be flushing with 7.5 or 9 litres of water and you can fit a save-a-flush bag.

Average uses of the WC a day in the UK is 5

1 litre of water is saved per flush once you have fitted a save-a-flush bag

Thames Water prices for 2008 are £1.59 per m³

There are 1000 litres in a m³

There is 0.6kg of CO₂ in a m³ of water