

Carbon Footprint

At Home

- Woody: There aren't any fruits at home, let's go and buy some!
- Parco: Dad, I'm so tired. Can we go to the supermarket by taxi?
- Katie: No way! It is not environmentally friendly and it is expensive!
- Barney: We should take public transports or go on foot.
- Katie: Mom, let's go there by bus. Parco is tired.
- Parco: OK! Let's go! (Start packing stuff)
- Barney: Hey Parco, you didn't turn off the air-conditioner and the lights.
- Parco: We are just going out for a while, why should we turn them off?
- Barney: You are wasting electricity. We should turn off the air-conditioner and lights when we go out.
- Katie: Besides turning off the air-conditioner and lights, we should turn off all electrical appliances when we go out. See? Your computer is still on!
- Parco: But I'm downloading some movies, and I don't want to stop it now.
- Woody: Your computer is old and dusty. Turning it on for too long can be dangerous. Just pause it and download it again when we come back.
- Parco: (upset) Okay, dad.
- Barney: Also, take a reusable bag with you. We are not going to buy any plastic bags. (All except Parco start leaving)
- Parco: No problem! I'll bring this Donki bag with me. Don don don...
- (Lights off)
- Parco: Wait for me!!!

At Supermarket (Barney goes to toilet)

- Woody: There are many fruits here. What do you want?
- Parco: Wow! This banana's package is beautiful. Can we buy this?
- Katie: The colour of this banana looks great! Mum loves bananas. Oh! It is from Japan. Ootosan, Onii-san, I love Japanese products, let's buy this. (Grab the banana)
- Barney: (Walk to them) Parco, Katie, I saw a promotion booth promoting environmentally friendly issues. A handsome guy gave me a poster about carbon footprint. Shall we take a look?
- All: (Look at the poster)
- Parco: What is carbon footprint?
- Woody: (hand gesture: I have no idea)
- Katie: Mom, did you say handsome guy? Let's go to the promotion booth and ask then!
- Barney: Why not? The cute guy's over there, girl. (Walk to the promotion booth)

At the booth

- Vincent: Hi madam, may I help you?
- Katie: (in a shy tone) Hmm.. Hi! I want to know more about you... No no no, I mean... your booth. What is carbon footprint?
- Vincent: I see, you and your family come to find out more about Carbon footprint. You are in the right place. Let me tell you.
- All: (listen carefully)
- Vincent: It is the total amount of greenhouse gases that is generated in our daily life. When we are shopping, using energy and traveling, all of these activities will emit greenhouse gases.
- Woody: Seems carbon footprint is related to our life.
- Vincent: Yes! That's real. If the amount of greenhouse gases in the atmosphere increases, it may cause global warming. Do you want to know how much carbon

dioxide you have emitted in your daily life? You can use a carbon footprint calculator.

Barney: How should we use it?

Vincent: You can scan the QR code or search from this website (<https://www.carboncalculator.gov.hk>) to know more about carbon footprint.

Parco: Can you teach us how to use it?

Vincent: Of course! (Starts calculating)

(Calculating)

Katie: Can you tell us more about carbon footprint in our daily life?

Vincent: No problem! This banana you are holding is from Japan, but it is over-packaged.

Katie: Why?

Vincent: When the farm is producing this banana, they need to use a lot of energy and material to pack it.

Barney: So, during this process, will it emit different greenhouse gases such as carbon dioxide and methane, right?

Vincent: Yes. And after that, they also need to send it from Japan to Hong Kong through air express and...

Parco: I know, I know! My teacher Mr Or said airplanes emit a lot of greenhouse gases!

Vincent: That's true. Airplanes emit a lot of greenhouse gases. So, buying the banana in your hand will increase your carbon footprints because it is from another country. You should choose local products to reduce carbon footprints.

Parco: Okay! Thank you very much. Bye, over-packaged Japanese banana. (grab the banana from Katie and put it down)

Back to Fruit section

- Katie: How about this hand of banana?
- Woody: Oh! This is a local product! It comes from the farm in Sheung Shui! Its transport process emits less greenhouse gases.
- Barney: Good! And it has no plastic packaging. It reduces the amount of CO2 produced from the packaging process.
- Parco: Very Good! It is an environmentally friendly farm product from Hong Kong! It looks fresh!

Arrived Home

- Parco: I feel so hot! Can we turn on the air-conditioner?
- Woody: It's not very hot now. Let's turn on the fan.
- Barney: Air-conditioner uses more electricity than the fan. If we want to make our life more environmentally friendly, we should use the fan instead of air conditioner.
- Woody: So, if we want to reduce emission of greenhouse gases, we should change our habits. For example, using the fan instead of air conditioner.
- Katie: Buying local food instead of imported food.
- Vincent: Taking public transports instead of driving private cars.
- Parco: Turning off electrical appliances when we leave home.
- All: Let's save the Earth together! (hearted-fingers) Thank you!