

2B Class Presentation Script (18-4-13)

Characters: Paul -- Chan yat Ho, Ken
Pat -- Poon Ka Yan, Karen
Peter -- Lo For Shing, Jacky
Narrator: Yiu Lok Yin, Charlotte
Scriptwriters: Li Cheuk Ying, Rainbow; Chung Wai Yan, Sandy

Narrator: Paul is a very careless boy. He has an elder sister, Pat and an elder brother, Peter. One day, Paul wants to play video games at home, so he looks for his NDS.

Paul: (Looking for something) Oh! Where's my NDS? Great, I got it! But it is running out of battery. OK, let me recharge the battery first. (trying to recharge the battery)

Pat: Stop, Paul. What are you doing? Can you see the wire is broken? It is so dangerous to use a broken wire! It may cause a short circuit!

Paul: Short circuit! Oh my goodness!

Peter: Don't worry! There is a fuse in the charger. Even if there is a short circuit, it won't cause a fire.

Paul: What is a fuse?

Peter: A fuse is an electrical safety device that can protect a circuit from damage caused by overloading or short circuit. This is because if the current is too large, the metal wire inside the fuse will melt and then the current will stop flowing. This prevents the circuit from becoming overheated and causing a fire.

Pat: Although there is a fuse in the charger, to play safe, we should not use a charger with a broken wire.

Paul: Right. I just had my shampoo. My hair is still wet. I want to blow dry my hair. Where is the hair dryer? (Looking for the hair dryer) Oh! I found it at last. Let me use it! (trying to insert the plug into the socket)

Pat: Stop, Paul! There are too many electrical appliances connected to the same socket. It will cause overloading and may cause a fire.

Peter: You are right! But there is a circuit breaker in our home and it can stop the circuit if the current in a circuit is larger than the rating of the circuit breaker.

Pat: Although we have a circuit breaker, overloading may cause a fire, so we must be careful not to overload any circuit.

Paul: I see. Oh, it seems a bit hot. Let me turn on the fan. (Taking a fan out)
It is a two-pin plug, so interesting. (Holding the two-pin plug)

Pat: Stop! Is there a metal case? (Pointing at the fan)

Paul: Yes. Why? (Feeling worried)

Pat: A metal case is not safe. It may cause electric shock!

Paul: Electric shock!

Peter: Right! When the live wire inside the plug touches the metal case, the metal case will carry a voltage. Then an electric current flows from the live wire to the ground through our body. Then we will get an electric shock when we touch the metal case. So, a fan using a two-pin plug is not safe.

Paul: Really? It is so dangerous. Then we should always use three-pin plugs, right?

Pat: Exactly! You are getting smart, Paul.

Paul: Thank you.

The End