

Outcomes and experiences S3 Physics	G	O	R	How do I know I can do this or what can you do to improve your learning in this outcome?
I can define resistance as the opposition to the flow of current				
I can explain how changes in resistance, effect the behaviour of a circuit, e.g. the greater the resistance the lower the current				
I can explain how the total resistance of a series circuit will change when extra series resistors are added to the circuit				
I can explain how the total resistance of a parallel circuit will change when extra parallel resistors are added to the circuit				
I can carry out resistance calculations on series circuits by using the following formula $R_T = R_1 + R_2 + \dots$				
I can carry out resistance calculations on parallel circuits by using the following formula $\frac{1}{R_T} = \frac{1}{R_1} + \frac{1}{R_2} + \dots$				