SCIENCE

End of Year 10 Physics Exam

P9 Motion

How do you calculate speed or velocity?

How do you calculate acceleration?

How do you show motion in a graph?

P7 Radioactivity

What are the different types of radiation?

What is a half-life and why is it important?

P5 Electricity in the home

What are the different types of current?

What is the national grid?

P10 Force and Motion

What is Newton's second law of motion?

How does force affect the extension of an object?

P8 Forces in Balance

What are scalar and vector quantities?

What are Newton's laws of motion?

P6 Molecules and Matter

How do you calculate density?

What is internal energy?

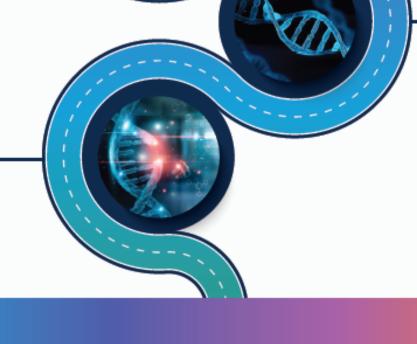
How do you calculate specific heat capacity and specific latent heat?

P4 Electric Circuits

How is electrical charge

P2 Energy Transfer by Heating

How is heat energy transferred?



transferred around a circuit

How can you calculate charge flow, resistance, current and potential difference?

