



Information for Students, Parents/Carers at Bexleyheath Academy

Year 07 Physics | Term 1 Homework Overview

What is energy?

Week	Exploration Question(s)	Activities
1	Why is physics important?	Thinking Scientifically 11.1.1 Scientific Questions 11.1.2 Evidence 11.1.3 Hypothesis & Theory
2	How long does it take to cool down a cup of tea?	Planning an Investigation 11.3.1 Planning an Investigation Question 11.3.2 Planning an Investigation - Equipment 11.3.3 Planning Investigation Variables 11.3.4 Planning an Investigation - Measurement
3	How and why is energy transferred?	Science: KS3 3.1.1 Energy Stores (Preview)
4	How does the height a ball bounces compare to the height it's dropped from?	Science: KS3 - Diagnostic Misconceptions 3.1.1 Do stationary objects have energy?
5	What is efficiency?	Science: KS3 3.1.2 Efficiency of Energy Transfers
6	How do I improve my learning?	Science: KS3 3.1.5 Reducing Energy Transfers
7	Where does the energy go when you burn fuel?	Science: KS3 3.1.6 Energy & Power 3.1.10 Non-Renewable Energy

