



Information for Students, Parents/Carers at Bexleyheath Academy

Year 08 Physics | Term 1 Homework Overview

Why are pans made from metal?

Week	Exploration Question(s)	Activities
1	Why do some things feel hot and others cold?	Science: KS3 3.1.1 Energy Stores 3.1.2 Efficiency of Energy Transfers
2	How does heat travel through different substances?	Science: KS3 3.1.3 Heat, Temperature & Transferring Heat 3.1.6 Energy & Power 3.1.7 Energy in Food 3.1.8 Energy at Home
3	Which materials are good thermal conductors?	Science: KS3 3.1.4 Conductors vs Insulators
4	Which materials are good insulators?	Science: KS3 3.5.4 Solids, Liquids & Gases 3.5.1 Physical Reactions 3.1.5 Reducing Energy Transfers
5	What happens to the temperature of ice as it melts?	Science: KS3 3.1.1 Do stationary objects have energy?
6	How do I improve my learning?	Science: KS3- Diagnostic misconceptions 3.1.12 End of Topic Test - Energy
7	What is a wave?	Science: KS3 3.3.1 Waves