

## Edexcel IGCSE physics online group lessons

Wednesdays at 9:30am

| Date  | Topic                          | Lesson | Lesson title                     |
|---|--------------------------------|--------|----------------------------------|
| (summer break - payment for next term due 2nd September)                  |                                |        |                                  |
| 11/09/2024  | Energy sources and transfers   | 1      | Energy stores                    |
| 18/09/2024  | Energy sources and transfers   | 2      | Thermal energy                   |
| 25/09/2024  | Energy sources and transfers   | 3      | Useful and wasted energy         |
| 02/10/2024  | Energy sources and transfers   | 4      | Work and power                   |
| 09/10/2024  | Energy sources and transfers   | 5      | Kinetic and gravitational energy |
| 16/10/2024  | Energy sources and transfers   | 6      | Harnessing energy                |
| 23/10/2024  | Energy sources and transfers   | 7      | Revision                         |
| (half term break - payment for next term due 28th October)                |                                |        |                                  |
| <i>04/11/2024 Energy sources and transfers assessment due at 8:30am</i>   |                                |        |                                  |
| 06/11/2024  | Energy sources and transfers   | 8      | Assessment Review                |
| 13/11/2024  | Electricity                    | 1      | Current, voltage and resistance  |
| 20/11/2024  | Electricity                    | 2      | Series and parallel circuits     |
| 27/11/2024  | Electricity                    | 3      | Power and energy                 |
| 04/12/2024  | Electricity                    | 4      | Types of resistors               |
| 11/12/2024  | Electricity                    | 5      | Safety                           |
| (Christmas break - payment for next term due 30th December)               |                                |        |                                  |
| 08/01/2025  | Electricity                    | 6      | Static electricity               |
| 15/01/2025  | Electricity                    | 7      | Revision                         |
| <i>20/01/2025 Electricity assessment due at 8:30am</i>                    |                                |        |                                  |
| 22/01/2025  | Electricity                    | 8      | Assessment Review                |
| 29/01/2025  | Magnetism and electromagnetism | 1      | Magnetism                        |
| 05/02/2025  | Magnetism and electromagnetism | 2      | Electromagnetism                 |
| 12/02/2025  | Magnetism and electromagnetism | 3      | The motor effect                 |
| (half term break - payment for next term due 17th February)               |                                |        |                                  |
| 26/02/2025  | Magnetism and electromagnetism | 4      | Induction and generators         |
| 05/03/2025  | Magnetism and electromagnetism | 5      | Transformers                     |
| 12/03/2025  | Magnetism and electromagnetism | 6      | Revision                         |
| <i>17/03/2025 Magnetism and electromagnetism assessment due at 8:30am</i> |                                |        |                                  |
| 19/03/2025  | Magnetism and electromagnetism | 7      | Assessment Review                |

**Fridays at 1:45pm**

| Date   | Topic             | Lesson | Lesson title                 |
|--|-------------------|--------|------------------------------|
| (summer break - payment for next term due 28th August)       |                   |        |                              |
| 06/09/2024   | Forces and Motion | 1      | Speed                        |
| 13/09/2024   | Forces and Motion | 2      | Acceleration                 |
| 20/09/2024   | Forces and Motion | 3      | Forces                       |
| 27/09/2024   | Forces and Motion | 4      | Weight                       |
| 04/10/2024   | Forces and Motion | 5      | Momentum                     |
| 11/10/2024   | Forces and Motion | 6      | Car safety                   |
| 18/10/2024   | Forces and Motion | 7      | Moments                      |
| 25/10/2024   | Forces and Motion | 8      | Springs                      |
| (half term break - payment for next term due 30th October)   |                   |        |                              |
| 08/11/2024   | Forces and Motion | 9      | Revision                     |
| <i>13/11/2024 Forces and motion assessment due at 8:30am</i> |                   |        |                              |
| 15/11/2024   | Forces and Motion | 10     | Assessment Review            |
| 22/11/2024   | Waves             | 1      | Describing waves             |
| 29/11/2024   | Waves             | 2      | Waves and speed              |
| 06/12/2024   | Waves             | 3      | The electromagnetic spectrum |
| 13/12/2024   | Waves             | 4      | Reflection and Refraction    |
| (Christmas break - payment for next term due 31st December)  |                   |        |                              |
| 10/01/2025   | Waves             | 5      | Total internal reflection    |
| 17/01/2025   | Waves             | 6      | Sound                        |
| 24/01/2025   | Waves             | 7      | Revision                     |
| <i>29/01/2025 Waves assessment due at 8:30am</i>             |                   |        |                              |
| 31/01/2025   | Waves             | 8      | Assessment Review            |
| 07/02/2025   | Astrophysics      | 1      | Orbits                       |
| 14/02/2025   | Astrophysics      | 2      | Stars                        |
| (half term break - payment for next term due 19th February)  |                   |        |                              |
| 28/02/2025   | Astrophysics      | 3      | Red shift                    |
| 07/03/2025   | Astrophysics      | 4      | Evolution of the universe    |
| 14/03/2025   | Astrophysics      | 5      | Revision                     |
| <i>19/03/2025 Astrophysics assessment due at 8:30am</i>      |                   |        |                              |
| 21/03/2025   | Astrophysics      | 6      | Assessment Review            |