



TwentyTwentyLearning
Thinking Transformed



Everything you need to know about...

RADIOACTIVITY

BEAT THE COVID-19 EDUCATION CHALLENGE WITH OUR VIRTUAL 'LIVE' SCIENCE PROGRAMMES

Four 1-hour ZOOM lessons focusing on everything your students need to know about radioactivity for their GCSE exams. Each 'virtual lesson' will include an introduction and explanation; development tasks, specific examples, practice exam questions and quizzes.

Detailed, clear and colourful work booklets will be sent to your students' home addresses in advance of the 'Everything you need to know...' programme. A register of attendees will be sent to you after the programme.

Each programme will accommodate up to a maximum of 15 students and be led by one of our subject-specialists.

Virtual Learning Via Zoom



Isotopes

Students shall understand the differences between isotopes and how to represent radioactive emissions and produce equations.

Radioactivity and Half Life

Students will understand the random nature of radioactive decay and the meaning of half-life. They will define and practise calculating the count rate of radioactive sources.

Discovering Radiation

Review of discoveries by influential scientists. How the nuclear model was established. Understanding that unstable nuclei emit radiation of which there are three types α , β , γ .

Radioactivity

Students will develop an understanding of the penetrating power, properties and uses of each type of radiation.

Contact us now to book your 'Everything you need to know...' programme.

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