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| Subject: Science Year 9 Curriculum Map 2024-2025 |
| Terms | **Topics covered** and **core knowledge and skills** | Links to careers | Links to the Knowledge organiser and other additional resources |
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| Half term 1 | Unit 01 – “Introduction to Science”* Risk Assessments
* Planning Experiments
* Data
* Interpreting Data
* Gradient of a Graph
* Scientific Evaluation
* Repeatable and Reproducible
* Errors
* Chemical Equations
* Standard Form
* Percentages and Uncertainty
 | <https://nationalcareers.service.gov.uk/job-categories/science-and-research> |  |
| Half term 2 | **Unit 02 – “Wireless Technology”*** Types of Wave
* Properties of Waves
* Soundwaves
* How do we hear?
* Using Soundwaves
* Measuring the Speed of a Wave
* Light
* Reflection
* Refraction
* Colours
* How do waves transfer heat?
* How do we investigate waves?
 | Wireless Technology engineering |  |