

## Subject: Year 7 Science

### Topics you should revise

**70% of the test will be the topics you have completed in Year 9:**

#### Matter and Molecules

- [States of matter](#), Changes of state, [Density](#), [Gas pressure](#)

#### Wave Properties

- [Types of waves, wave properties, Wave required practical](#)

#### Forces

- [Vectors and scalars](#), [contact and non-contact](#), [Newton's first Law](#), [Newton's Third Law](#), [Hooke's Law](#)

#### Energy Stores

- [Energy stores and pathways](#), [Kinetic energy](#), [GPE](#), [Efficiency](#), [power](#)

**30% of the test will be on the topics from KS3**

**(These may not all come up)**

- [Energy](#)
- [Electricity](#)
- [Space](#)
- [Forces](#)

### Useful revision resources:

- Knowledge organisers
- Exercise book and resources from class
- Websites: [BBC Bitesize](#), [Cognito](#), [Save my Exams](#), [Seneca](#)
- [www.kerboodle.com](http://www.kerboodle.com) (Log in should be provided by class teacher) - the class textbooks are available on this site

### Revision Tips

- **Create something new:** Just sitting and re-reading your notes isn't revision! Make something new - a knowledge organiser, a concept map, flashcards, a quiz... anything that makes you work with the knowledge actively.
- **Don't forget to practise:** Practising written responses is important to get comfortable with extended pieces of writing. Use the past papers from the exam boards <https://cognitoresources.org/resources/ks3/science> and example questions provided by your class teacher.
- **Not feeling motivated? Revise little and often:** If you struggle to revise for extended periods of time, try to revise for a few minutes each day instead. You could use quotation banks or flashcards to test yourself on key quotes and writing WHAT HOW WHY paragraphs.

