



Year 7 Science Assessment 1

States of Matter, Forces and Skills

Current Topics:

States of Matter:

- Describe the three states of matter
- Identify the four main state changes
- Describe what happens during state changes
- Describe what an element is
- Describe what a compound is
- Write word equations
- State reactants and products from word equations

Forces and their Effects:

- Describe how to calculate speed, distance and time
- Analyse distance time graphs
- Describe what friction is
- Explain how to draw force diagrams
- Explain resultant forces
- Explain the effects of resultant forces
- Explain what Hooke's law is.

Holistic Topics:

Skills:

- Select appropriate equipment
- Take readings from equipment
- Select anomalies
- Calculate means
- Describe trends in graphs
- Convert between units

How to Revise:

Step One: Make Flash Cards:

A flashcard usually has a question on the front and an answer on the back.

On the right is a QR code which can be scanned to show you what flash cards are, how to make them **and**

how to use them, but there are some outlines below:

1. Turn the information in the core knowledge booklet into a question.
2. Write a short answer on the back – make sure it isn't too long or it will be more difficult to remember it.

Another example of how to use them is below:



Where to revise:

You can use Key Stage 3 Bitesize to revise for each of the topics by going to the links below:

States



Forces



Skills



You can also find information on Class Charts in the build up to the exam.