

Science KS3 Independent Study

Guidance 26-27



Top tip test and retrieve your previous knowledge. The best way to do this is by self-testing whether this is through flashcards, practice quizzes on Educake or exam practice.

Reading through and making notes is not an effective tool for revision and even though sometimes you may just need to remind yourself of some content either through reading your class notes, a revision guide or watching a BBC bitesize video this should be the bare minimum of your revision in comparison to **testing your knowledge**.

Our top 3 revision techniques for Science are listed below and these should last for a maximum of a 25-minute round and be varied throughout your child's independent study time.



1. **Educake:**

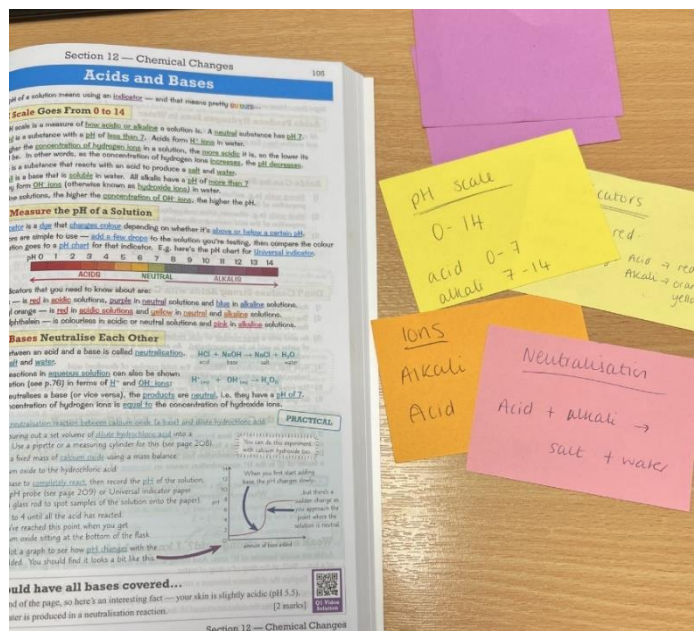
This is compulsory independent study each week - www.educake.co.uk

- Set on a Monday, Due the following Sunday evening (by midnight).
- Quick recall quiz questions from all Key Stage 3 content.
- 1 x quiz
- Maximum 20 questions



2. **Flashcards (Alder independent learning strategy):**

- Find the topic you are struggling on (this should be found from questions you can't complete at home, on Educake or in retrievals in school).
- Find that page in your knowledge organiser/revision guide or schoolbook. Read through the section on that page.
- Make flash cards of the key points, question on one side, answer on the other.
- Use those to test yourself or ask friends or family to test you.
- Repetition is key!





3. Mind map (Alder independent learning strategy):

- Select a topic you are struggling on – could be informed from your retrievals or class teacher feedback.
- Make sure you have the knowledge organiser, some blank paper, pen and a highlighter.
- Note the topic title in the middle of the page.
- Add subheadings coming off the centre and summarise the key points and definitions for that topic/content.
- Add diagrams to support your learning i.e. for states of matter, draw the particle diagrams for a solid, liquid and a gas.

