

Titration: Practical skills quizzes

These quizzes are available free to Learn Chemistry Partner (LCP) schools - [Register for LCP](#) for free or [check if your school is already signed up](#). Once signed up email education@rsc.org to request accounts. Each student needs only one account to access all our Assessment quizzes and our Practical Skills quizzes.

How to use these quizzes

Use these quizzes to enhance your understanding of techniques and procedures used in practical chemistry. Every question comes with feedback to help you progress and to appreciate the importance of developing effective laboratory skills.



The solid sodium carbonate is transferred from the weighing boat into a beaker. Why is the sodium carbonate first dissolved into a beaker before being transferred into the graduated flask? Select three from the following responses.

Select one or more:

- All the solid must dissolve and stirring is easier in a beaker.
Using a glass rod reduces the risk of splashing or loss of the solid around the sides of the beaker
- Sodium carbonate should not be added through the narrow neck of the volumetric flask.
- The beaker allows you to record the volume of solvent used to dissolve the solid.
- The beaker is wide making it easy to empty the weighing boat into it without spillage.

Check

Your answer is partially correct.

You have correctly selected 1.

Check the feedback on your answers. Your incorrect responses will be removed when you try again.

Try again

The titration quizzes link to three main videos, which demonstrate best practice. These videos can be viewed before you attempt the quizzes and referred to later to refresh your memory.

There are five quizzes in this topic:

- 1.1 Making up a standard solution
- 1.2 Preparing for acid-base titrations
- 1.3 Carrying out an acid-base titration
- 1.4 Interpreting and evaluating titration results
- 1.5 Titration case study

Click on the link below to get started:

[Access the titrations quizzes](#)



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