

Working from home instructions – Strength v Concentration

Today we will be continuing our work on acids and alkalis, by looking in more depth at the strengths of acids and alkalis and how this links to concentration.

Part of this lesson will be done live on zoom, if you wish to attend please arrive promptly at 9:30 AM.

It is not mandatory for you to attend the session on zoom however you are still expected to complete the work set below.

Join Zoom Meeting

<https://us02web.zoom.us/j/84809121897?pwd=U3E5bWVJUDRqYS9HejhQZmFUdzhaZz09>

Meeting ID: 848 0912 1897

Passcode: 4kfVKS

Resources for the lesson can be found on the online curriculum in:

Science > KS4 > Chemistry > BLENDED Reactions of Acids > Session C – Strength v Concentration

Or by clicking [here](#)

1. Download the strength v concentration video on the OLC page and watch, making sure to follow along and take notes. Make sure to do this before going through the PowerPoint. (30 mins)
2. Open the PowerPoint titled ‘Strength v Concentration PPT’. Answer the questions on slide 2 and check your answers on slide 3. (5 mins)

3. Answer the questions on weak acids on slide 4 and check your answers on slide 5. (5 mins)
4. Sort the acids on slide 6 into strong and weak categories, name the salts formed in the reactions at the bottom, check answers on the next slide. (10 mins)
5. Make notes on the information on slides 8 and 9, linking the pH to a value that represents strength. (10 mins)
6. Answer the questions on slide 10 about the relative strength of acids on the pH scale. Check your answers on slide 11 (10 mins).
7. Click on the link below and create an account using your school email address (real names only). Complete the assignment set by working through the questions based on work we have completed in the last few weeks. Your answers will be marked automatically, and your scores will be sent to me

<https://app.senecalearning.com/dashboard/join-class/xx1hfuhq5>