

Lower Sec - Separation Techniques

Scaffold Learning

Activity

Students were assigned with 1 separation technique to study. Each student will create a short 1 page keynote presentation. Presentation needs to demonstrate their understanding on how a substance of a mixture can be separated based on their physical properties. Students are to upload their movie to the assigned learning space.

Class then reviews other separation techniques and adds feedback and comments to the techniques learned.

Objectives












- Students can demonstrate an awareness of basic principles involved in the following separation techniques: magnetic attraction, filtration, evaporation, distillation and paper chromatography.
- Students can explain how the constituents of a mixture can be separated based on their properties, using the following techniques: magnetic attraction, filtration, evaporation, distillation, paper chromatography.

Extensions

- Students to add animation or utilise magic move function to simulate the separation techniques.

Have a go



- 1 Go to , look for the template shared by your teacher.
- 2 Tap  on the bottom right hand corner of a placeholder, choose  to call out Camera or insert Photo/Video from the album.
- 3 Use Apple Pencil to tap on the screen in Keynote to activate the drawing mode or tap  on the top right hand corner, and under  and tap drawing to activate drawing. Press  on the top right corner to leave drawing mode.
- 4 Tap  on the top right hand corner, and under  Record Audio to verbalise and record explanation.
- 5 Tap  export to movie. Tap  to save video. Close Keynote and tap  to open your video in Photos.

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