

Materials HSW Ex HW

How can we extract salt from the sea?

Task: Draw a poster that shows the different processes involved in producing clean salt from sea water.

Use all the key words. Show at least two separation techniques (remember the sea water could contain sand)

Level 6 answers could identify a separation technique to produce pure water.



Key words:

Solution, solute, solvent, dissolve,
evaporation, filtration, temperature,
distillation, sand, salt, water

Level ladder: What is your target level?

level	Use the ladder to help you reach your target level	
3	<ul style="list-style-type: none"> • Used some of the key words to correctly describe and label a diagram of sea water • Shown some of the apparatus used to extract clean salt from sea water. 	
4	<ul style="list-style-type: none"> • Used most of the key words correctly describe and label a diagram of sea water • Show most of the apparatus used to extract clean salt from sea water and correctly described how it is used. 	
5	<ul style="list-style-type: none"> • Used all of the key words to correctly describe and label a diagram of sea water • Shown all of the apparatus used to extract clean salt from sea water and correctly described how it is used, including how to remove any sand or grit. • Drawn a simple particle diagram showing salt dissolved in water. 	
6	<ul style="list-style-type: none"> • Used all of the key words to correctly describe and label a diagram of sea water • Shown all of the apparatus used to extract clean salt from sea water and correctly described how it is used, including how to remove any sand or grit. • Drawn a simple particle diagram showing salt dissolved in water • Described in words or pictures how distillation could be used to extract pure water from sea water 	