

Separating a mixture of salt and sand

1. Put the mixture in a beaker
2. Add enough water to completely dissolve all the salt.
3. Pass the mixture through a filter paper.
4. Keep the solution (liquid) - this contains most of the salt
5. Put the sand back in the beaker and add more water, mix thoroughly and filter again.
6. Add the second lot of liquid to the first.
7. Repeat steps 5 and 6. This process is called washing and ensures that all the salt is washed off the sand
8. Dry the sand in a warm dry place to remove the excess water
9. Remove water from the salt solution by either allowing it to evaporate from the solution or by heating the solution until the water boils away.