



This JESEI activity covers methods of separation of mixtures. Students work on these mixtures (with a possible separation method in brackets):

- Marbles of two different colours (hand picking)
- Sand and iron filings (using a magnet or panning)
- Sand and salt (salt is soluble in water)
- Sawdust and sand (density difference – sawdust floats in water or can be blown away)
- Sand and iron pyrites (panning).

Students learn how these separation processes are used to extract minerals.

Activity details available at:

<https://geohubliverpool.org.uk/jesei/separating%20mixtu res.htm>