

HETEROGENEOUS MIXTURES



KEY OPENING QUESTION: How are heterogeneous mixtures alike?

MATERIALS: Group 1 – plastic container with marbles and beans
Group 2 – plastic container with marbles and water
Group 3 – plastic container with foil pieces and paper clips
Group 4 – plastic container with sand and water
Group 5 – plastic container with salt and sand
Group 6 – plastic container with various colors of paper squares
Magnet
2 funnels
Filter paper
3 beakers
Miscellaneous containers
Water

PROCEDURE:

1. Observe the filled container for your group.
2. Discuss how you could separate the items in the container.
3. Get other materials listed to help, as needed.
4. Record the steps you used to separate the mixture.

OBSERVATIONS AND DATA:

How did you separate each mixture?

Which mixture was the easiest to separate and why?

Which mixture was the hardest to separate and why?

What do all these mixtures have in common?

CONCLUSION: (Answer the question)