Science and technology · Grade 5

Mixtures and separation

Read or look closely

A coffee filter can catch sand mixed with water. Dissolved salt passes with the water.

Answers

1. What can you use to catch the sand?

A filter.

2. Can this filter remove dissolved salt?

No.

3. Which tool would separate large pebbles from dry sand?

A sieve with holes that let sand through.

4. If salt water evaporates, what can stay in the container?

Salt.

5. Explain why a sieve cannot separate two grains of the same size.

Both pass through or stay together.