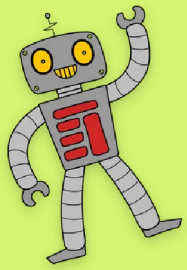
SCIENCE · MIXTURES AND CHANGES · GRADES 3–5

Separate a Mixture

Match five tools to how they separate a mix of sand, salt, rice and paper clips, then put the steps in order.

Name: _____ **Date:** _____



Someone mixed **sand, salt, rice and steel paper clips** in one jar. Scientists separate mixtures by using what is different about each part.

1. Draw a line from each tool to its job.

magnet ●	● catches the rice and lets the sand and salt fall through
strainer ●	● pulls out the steel paper clips
water ●	● catches the sand and lets the salty water through
coffee filter ●	● dries up the water and leaves the salt behind
sunny window ●	● dissolves the salt

2. Number the steps in order.

☐ Stir the sand and salt into water.

☐ Use the magnet to pull out the paper clips.

☐ Set the salty water in the sun until the water is gone.

☐ Pour the rest through a strainer to catch the rice.

☐ Pour the water through a coffee filter to catch the sand.

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