Dissolving Detective

Name: _____

Use this observation: salt grains disappeared from view after stirring in water; sand grains stayed visible at the bottom.

01

Which material dissolved?

02

Which stayed as visible grains?

03

Did the salt stop existing?

04

What action helped mix the salt?

05

Should you taste experiment water?

06

Name one thing to keep the same in a comparison.

Dissolving Detective

GROWN-UP ANSWER GUIDE

Read the directions aloud if helpful. Discuss the reasoning as well as the answer.

01 salt

02 sand

03 no

04 stirring

05 no

06 Possible answers: water amount, material amount, stirring time or temperature.

TRY ONE MORE THING

A fair comparison changes the material while keeping other conditions alike.