

## Salt Solutions

**Approach:** One to one interview

**Level:** Year 8 & year 4

**Resources:** 2 beakers; table salt; rock salt; 1 teaspoon; 2 stirrers; water in a jug; clock; laminated results sheet; erasable felt pen.

### Questions/instructions

We call this activity 'salt solutions.'

You are going to do an experiment to find out which of these two types of salt dissolves faster.

Your experiment needs to be a fair test. A fair test is an experiment where most things are kept the same so that any differences in the results happen because of what you are trying to find out.

#### 1. How will you do your experiment?

What do you think your experiment will show?

	year 8	year 4
Rating: very good	32	9
moderate	56	46
poor	12	45

#### 2. Do your experiment now.

Write down on the results sheet how long it took for each type of salt to dissolve.

Rating: very good	39	9
moderate	55	63
poor	6	28

#### 3. Why do you think this happened?

*Prompt: Why was this one quicker?*

Rating: very good	8	1
moderate	71	55
poor	21	44

### RESULTS SHEET

Write down how long it took for each type of salt to dissolve:

1. Table salt took \_\_\_\_\_ seconds to dissolve.
2. Rock salt took \_\_\_\_\_ seconds to dissolve.