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# WATER SCIENCE

This is a sample Water Science Activity Sheet only. Its main purpose is to show you some of the interesting activities that you can do when you choose this badge. Also, you can use this sample sheet to start doing the badge activities, while your teacher is sending away for the full activity sheet and badge.

If you have completed some of these activities before your full sheet arrives, your teacher can mark this sheet, then transfer the marks to the full activity sheet.

## Sample Water Science Activity Sheet

Rating		Exercises in Water Science	Teacher's initials and date
4	**	Low dissolved oxygen ( DO ) in a stream is a problem. List possible causes of this and the effect it has on the stream inhabitants.	
7	***	Design and make an instrument to test the saltiness of water.	
13	*	Make a labelled model of a water molecule.	
16	***	Design and make an apparatus that could convert sea water to drinking water if you are stranded on a desert island.	
17	***	What is hydroponics? Give some advantages for this method of growing plants. Set up your own hydroponic system and bring this in to show your teacher and/or take photos of what you are doing.	
22	**	Explain why a scientist would test the temperature, turbidity, pH, oxygen, nitrate and phosphate levels in a waterway.	

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