

## **ALL MIXED UP**

ACSSU031 - Different materials can be combined, including by mixing, for a particular purpose

We are surrounded by mixtures — the air we breathe, the food we eat and drink, and our personal grooming products. Chefs try mixing ingredients in different ways to make tasty combinations and interesting textures. Through inquiry, scientists have developed mixtures that are useful for all kinds of purposes, such as alloys, amalgams and paints, to name but a few. Indeed, it can be surprising just how many things that we take for granted every day are the result of inquiry into mixtures. For example, how different our lives would be without the myriad of inks, glues and detergents at our disposal.

This term the class is exploring everyday mixtures and their uses. As part of the science unit *All mixed up*, students will investigate simple mixtures in their homes.

Examples of simple mixtures in the home include breakfast cereals and seed mix.

### **Tasks to do**

Each student will have a copy of the 'My Mixtures' journal page. Reinforce that some mixtures might be poisonous and children are not to taste, smell or eat anything unless they are given adult permission.

This assignment is designed to spark conversations with the family and to allow students an opportunity to explore the environment around them. This is NOT compulsory and will not be marked.

Journal pages are due back at school during any science class this term.


Regards

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# My Mixtures

Name: \_\_\_\_\_

What is the mixture called?	What is in the mixture?	What is the mixture for?
Cup of sweet tea 	Water Sugar Tea leaves Milk	To drink