

WHAT'S IN MY BREAKFAST CEREAL?

SUMMARY

Children examine the ingredients found in a bowl of breakfast cereal, such as muesli or granola, and their understanding of mixtures is nurtured through class discussion. Following this, they are challenged to separate and sort these ingredients, explaining criteria used for grouping and classifying. Children can take and annotate photographs of the separated ingredients; using cereal box information for identification purposes.

OBJECTIVES

- To explore and describe a mixture made from solid ingredients
- To group, sort and classify solid ingredients in a mixture
- To understand that mixing is a reversible change

To be able to:

- Explain mixing as a reversible change



SCIENCE VOCABULARY

Mixture	Reversible	Change
Identify	Classify	Sort
Solid	Ingredients	Separate
Group		

RESOURCES (IN BRIEF)

Per group of 2-4 children:

- Small bowl of muesli
- Hand lens (optional)

Note: Supermarket brands are cheap, but contain fewer ingredients.

- List of ingredients from packaging

PRIOR KNOWLEDGE/EXPERIENCE

Children will have compared and grouped materials, focusing on similarities and differences.