

Activity 3.3 MP – The air around us*

The motor car affects the quality of our air. But what do we know about it? This activity will give you an idea of what is in our air.



1. Combine the following ingredients in a glass jar.



Stir to mix well.



2. Answer these questions:

- a. This is called a mixture. How would you describe a mixture?

- b. How is this mixture different to the ingredients in a cake?

Activity 3.3 MP – The air around us* (continued)

The mixture in your jar represents the gases which make up our air. Use the key below to examine your jar of 'air'.

Mixed contents		Environmental gases
dried peas	=	nitrogen gas
chocolate buds	=	oxygen gas
pop corn	=	carbon dioxide
raisin	=	water vapour
Fruit Loop	=	trace gases

- c. Looking at the mixture, which are the most abundant gases in the air?

- d. Which of these gases is important to our survival and why?

- e. Which gas makes up most of the air?

- f. What do you think would happen if the amounts of these gases changed.
