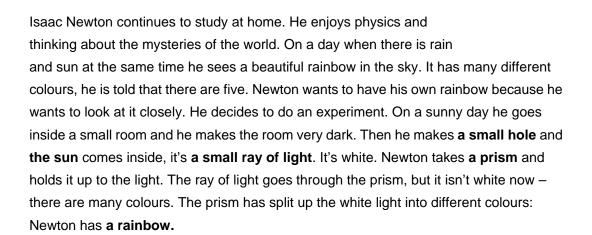


## Colour: reading 1

Imagine the year is 1666 and we can see a student. His name is Isaac Newton and he goes to Cambridge University. But he isn't at university now, he's at home with his family. The university is closed because of the plague, everyone is afraid of being sick.



Newton looks at his rainbow carefully. He can see more than five colours, he can see seven. He says the colours are: red, orange, yellow, green, blue, indigo and violet.

But Newton is a scientist and he's always very interested in how things work. He has his rainbow but he wants to know more. So he takes **another prism** and holds it up to the rainbow. The rainbow goes through the second prism, but it isn't colourful now – it's white again. The prism has joined up the colours back into **white light**. Newton is the first person to understand that light is a combination of all the rainbow colours together.

Newton also understands how we can see colour. Imagine a leaf in the sunshine. All the rainbow colours fall on the leaf but it absorbs all these colours. The only colour that is reflected is green, so the leaf looks green. Different objects reflect different colours. And perhaps Newton's favourite fruit is an orange – but what came first, the name of the fruit or the name of the colour?





## Colour: reading 2 Orange is... The tiger in the jungle The giraffe slowly walking The ginger cat at night looking for mice The evening summer sun The warm fire in the winter The leaves falling from autumn trees The sweet mango and soft peach The hot carrot soup for lunch The marmalade on toast in the morning Now write your colour poem here:

